CITATION REPORT List of articles citing

Characterization of human embryonic stem cell lines by the International Stem Cell Initiative

DOI: 10.1038/nbt1318 Nature Biotechnology, 2007, 25, 803-16.

Source: https://exaly.com/paper-pdf/42808433/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
924			
923	Status of genomic imprinting in human embryonic stem cells as revealed by a large cohort of independently derived and maintained lines. 2007 , 16 Spec No. 2, R243-51		104
922	Gene-specific vulnerability to imprinting variability in human embryonic stem cell lines. 2007 , 17, 1731-4	42	82
921	Cancer stem cells: implications for cancer treatment and prevention. 2007, 13, 271-5		43
920	Embryonic stem cell therapy for diabetes mellitus. 2007 , 18, 827-38		31
919	Teratoma formation assays with human embryonic stem cells: a rationale for one type of human-animal chimera. 2007 , 1, 253-8		118
918	Induction of pluripotent stem cells from adult human fibroblasts by defined factors. 2007 , 131, 861-72		14786
917	Development of hematopoietic and endothelial cells from human embryonic stem cells: lessons from the studies using mouse as a model. 2007 , 7, 1950-64		3
916	Scientific definition by political request. 2007,		1
915	Cooperative study of 59 human embryonic stem cell lines finds reassuring similarity. 2007,		
914	Irrational Japanese regulations hinder human embryonic stem cell research. 2007,		6
913	Characterising stem cells requires consortia. 2007,		
912	Human embryonic stem cells flock together. <i>Nature Biotechnology</i> , 2007 , 25, 748-50	44.5	11
911	NMR analysis goes nano. <i>Nature Biotechnology</i> , 2007 , 25, 750-1	44.5	7
910	News in brief. 2007 , 4, 605-605		
909	Epigenetic stability of embryonic stem cells and developmental potential. 2007, 25, 556-62		35
908	Mesenchymal stem cell preparationscomparing apples and oranges. 2007 , 3, 239-48		214

907 [Human embryonic stem cells within the context of international research activity]. **2008**, 51, 994-1004

906	Cell surface biomarkers of embryonic stem cells. 2008 , 8, 4025-35	57
905	A practical guide for the identification of membrane and plasma membrane proteins in human embryonic stem cells and human embryonal carcinoma cells. 2008 , 8, 4036-53	44
904	Stem cell markers: insights from membrane proteomics?. 2008 , 8, 4946-57	25
903	Human mastoid periosteum-derived stem cells: promising candidates for skeletal tissue engineering. 2008 , 2, 136-46	50
902	A novel role for proteomics in the discovery of cell-surface markers on stem cells: Scratching the surface. 2008 , 2, 892-903	33
901	Epigenome and chromatin structure in human embryonic stem cells undergoing differentiation. 2008 , 237, 3690-702	59
900	Human embryonic stem cell registries: value, challenges and opportunities. 2008 , 105, 625-32	13
899	Taking stem cells to the clinic: Major challenges. 2008 , 105, 1352-60	146
898	X-inactivation reveals epigenetic anomalies in most hESC but identifies sublines that initiate as expected. 2008 , 216, 445-52	92
897	Compagen, a comparative genomics platform for early branching metazoan animals, reveals early origins of genes regulating stem-cell differentiation. 2008 , 30, 1010-8	96
896	Regenerative medicine and stem cell based drug discovery. 2008 , 47, 5718-38	33
895	Regenerative Medizin und stammzellbasierte Wirkstoffentwicklung. 2008, 120, 5802-5823	3
894	Alkaline phosphatase-positive colony formation is a sensitive, specific, and quantitative indicator of undifferentiated human embryonic stem cells. 2008 , 26, 1109-16	125
893	Copy number variant analysis of human embryonic stem cells. 2008 , 26, 1484-9	42
892	Pluripotent stem cells: Maintenance of genetic and epigenetic stability and prospects of cell technologies. 2008 , 39, 325-336	4
891	Reprogramming of human somatic cells to pluripotency with defined factors. <i>Nature</i> , 2008 , 451, 141-6 50	.4 2364
890	Stem cells: in search of common ground. <i>Nature</i> , 2008 , 451, 855-8	.4 11

889	First evaluation of the European hESCreg. <i>Nature Biotechnology</i> , 2008 , 26, 859-60	14.5	10
888	Marked differences in differentiation propensity among human embryonic stem cell lines. <i>Nature Biotechnology</i> , 2008 , 26, 313-5	14.5	663
887	Compare and conquer. 2008 , 5, 275		1
886	Derive and conquer: sourcing and differentiating stem cells for therapeutic applications. 2008 , 7, 131-42		137
885	The promise of human induced pluripotent stem cells for research and therapy. 2008, 9, 725-9		344
884	Putative stem cells with an embryonic character isolated from the ovarian surface epithelium of women with no naturally present follicles and oocytes. 2008 , 76, 843-56		205
883	Diverse hematopoietic potentials of five human embryonic stem cell lines. 2008 , 314, 2930-40		44
882	Heterogeneity of pluripotent marker gene expression in colonies generated in human iPS cell induction culture. 2007 , 1, 105-15		63
881	On the road to reprogramming. 2007 , 1, 103-4		
880	Proteomics and human embryonic stem cells. 2008 , 1, 169-82		28
879	Identification of a membrane proteomic signature for human embryonic stem cells independent of culture conditions. 2008 , 1, 219-27		31
878	Development of a European human embryonic stem cell registry. 2008, 3, 945-51		11
877	Is teratoma formation in stem cell research a characterization tool or a window to developmental biology?. 2008 , 17, 270-80		37
876	From embryonic stem cells to blastema and MRL mice. 2008 , 16, 425-61		18
875	Cardiomyocytes from human embryonic stem cells as predictors of cardiotoxicity. 2008 , 5, 223-232		17
874	Advances and perspectives in human and mouse embryonic stem cell bioprocessing. 2008, 5, e105-48		5
873	Derivation, maintenance and cryostorage of human embryonic stem cells. 2008, 5, e105-48		1
872	Stem Cell Research and Therapeutics. 2008,		1

(2008-2008)

871	Cellular therapies for heart disease: unveiling the ethical and public policy challenges. 2008 , 45, 593-601	13
870	Unraveling epigenetic regulation in embryonic stem cells. 2008 , 2, 123-34	137
869	The time is right: proteome biology of stem cells. 2008 , 2, 215-7	17
868	International banking: checks, deposits, and withdrawals. 2008 , 2, 305-6	8
867	Centralized banks for human embryonic stem cells: a worthwhile challenge. 2008 , 2, 307-12	20
866	X-chromosome inactivation and epigenetic fluidity in human embryonic stem cells. 2008 , 105, 4820-5	243
865	High level functional expression of the ABCG2 multidrug transporter in undifferentiated human embryonic stem cells. 2008 , 1778, 2700-9	69
864	Human embryonic stem cells: emerging technologies and practical applications. 2008 , 18, 324-9	20
863	Regulatory networks define phenotypic classes of human stem cell lines. <i>Nature</i> , 2008 , 455, 401-5 50.4	283
862	The tumorigenicity of human embryonic stem cells. 2008 , 100, 133-58	329
862 861	The tumorigenicity of human embryonic stem cells. 2008, 100, 133-58 Cardiomyocytes from embryonic stem cells: towards human therapy. 2008, 8, 1473-83	329 5
861	Cardiomyocytes from embryonic stem cells: towards human therapy. 2008 , 8, 1473-83	5
861 860	Cardiomyocytes from embryonic stem cells: towards human therapy. 2008 , 8, 1473-83 The road to pluripotence: the research response to the embryonic stem cell debate. 2008 , 17, R3-9	5
861 860 859	Cardiomyocytes from embryonic stem cells: towards human therapy. 2008 , 8, 1473-83 The road to pluripotence: the research response to the embryonic stem cell debate. 2008 , 17, R3-9 Reprogramming and differentiation in mammals: motifs and mechanisms. 2008 , 73, 33-8	5 11 21
861 860 859 858	Cardiomyocytes from embryonic stem cells: towards human therapy. 2008, 8, 1473-83 The road to pluripotence: the research response to the embryonic stem cell debate. 2008, 17, R3-9 Reprogramming and differentiation in mammals: motifs and mechanisms. 2008, 73, 33-8 Generation of human induced pluripotent stem cells from dermal fibroblasts. 2008, 105, 2883-8 X-inactivation in female human embryonic stem cells is in a nonrandom pattern and prone to	5 11 21 857
861 860 859 858	Cardiomyocytes from embryonic stem cells: towards human therapy. 2008, 8, 1473-83 The road to pluripotence: the research response to the embryonic stem cell debate. 2008, 17, R3-9 Reprogramming and differentiation in mammals: motifs and mechanisms. 2008, 73, 33-8 Generation of human induced pluripotent stem cells from dermal fibroblasts. 2008, 105, 2883-8 X-inactivation in female human embryonic stem cells is in a nonrandom pattern and prone to epigenetic alterations. 2008, 105, 4709-14 Cripto is a noncompetitive activin antagonist that forms analogous signaling complexes with activin	5 11 21 857 173

853	Generation of cardiomyocytes from new human embryonic stem cell lines derived from poor-quality blastocysts. 2008 , 73, 127-35	43
852	Pathways to New ´Cells. 2008 , 73, 175-181	14
851	Derivation of embryonic stem cell line from frozen human embryos and neural differentiation. 2008 , 19, 1451-5	3
850	Stem cell therapy to treat diabetes mellitus. 2008 , 5, 203-19	14
849	Stem cells. 2008 , 1-26	4
848	Drug-selected human lung cancer stem cells: cytokine network, tumorigenic and metastatic properties. 2008 , 3, e3077	330
847	Emerging roles of nodal and Cripto-1: from embryogenesis to breast cancer progression. 2008 , 29, 91-103	52
846	. 2009,	3
845	Embryonic and induced pluripotent stem cells as a model for liver disease. 2009 , 37, 377-98	8
844	Derivation and characterization of two sibling human embryonic stem cell lines from discarded grade III embryos. 2009 , 18, 423-33	36
843	Monitoring stemness in long-term hESC cultures by real-time PCR. <i>Methods in Molecular Biology</i> , 2010 , 584, 135-50	4
842	Isolation and enrichment of stem cells. 2009 , 114, 23-72	12
841	Subpopulations of human embryonic stem cells with distinct tissue-specific fates can be selected from pluripotent cultures. 2009 , 18, 1441-50	43
840	Human embryonic stem cells and genomic instability. 2009 , 4, 899-909	36
839	OCT4B1 isoform: the novel OCT4 alternative spliced variant as a putative marker of stemness. 2009 , 15, 269-70	32
838	The tumorigenicity of diploid and aneuploid human pluripotent stem cells. 2009 , 8, 3822-30	106
837	Defining long-term maintenance conditions of human embryonic stem cells with arrayed cellular microenvironment technology. 2009 , 18, 1141-54	64
836	Stable isotope labeling by amino acids in cell culture (SILAC) and quantitative comparison of the membrane proteomes of self-renewing and differentiating human embryonic stem cells. 2009 , 8, 959-70	98

(2009-2009)

835	In vitro post-meiotic germ cell development from human embryonic stem cells. 2009 , 24, 3150-9	109
834	Telomeric RNAs mark sex chromosomes in stem cells. 2009 , 182, 685-98	38
833	Creation of a registry for human embryonic stem cells carrying an inherited defect: joint collaboration between ESHRE and hESCreg. 2009 , 24, 1556-60	18
832	Society for Pediatric Research presidential address 2008: can pediatric research benefit from global warming?. 2009 , 65, 123-5	
831	Progressive accumulation of epigenetic heterogeneity during human ES cell culture. 2009, 4, 330-8	42
830	Epigenetic regulation of X-inactivation in human embryonic stem cells. 2009 , 4, 19-22	20
829	Characterization of CD30 expression in human embryonic stem cell lines cultured in serum-free media and passaged mechanically. 2009 , 24, 2477-89	18
828	Human embryonic stem cell-derived mesoderm-like epithelium transitions to mesenchymal progenitor cells. 2009 , 15, 1897-907	94
827	Stem Cells, Hypoxia and Hypoxia-Inducible Factors. 2009 , 211-231	1
826	Ago2 immunoprecipitation identifies predicted microRNAs in human embryonic stem cells and neural precursors. 2009 , 4, e7192	94
825	Pluripotency rush! Molecular cues for pluripotency, genetic reprogramming of adult stem cells, and widely multipotent adult cells. 2009 , 124, 23-30	11
824	CD marker expression profiles of human embryonic stem cells and their neural derivatives, determined using flow-cytometric analysis, reveal a novel CD marker for exclusion of pluripotent stem cells. 2009 , 2, 113-24	84
823	Clinically failed eggs as a source of normal human embryo stem cells. 2009 , 2, 188-97	26
822	Teratoma formation by human embryonic stem cells: evaluation of essential parameters for future safety studies. 2009 , 2, 198-210	337
821	Surface marker antigens in the characterization of human embryonic stem cells. 2009, 3, 3-11	76
820	The Characterization Tool: A knowledge-based stem cell, differentiated cell, and tissue database with a web-based analysis front-end. 2009 , 3, 88-95	8
819	Enhancement of human embryonic stem cell pluripotency through inhibition of the mitochondrial respiratory chain. 2009 , 3, 142-56	128
818	A gene expression signature shared by human mature oocytes and embryonic stem cells. 2009 , 10, 10	99

817	Novel stem/progenitor cells with neuronal differentiation potential reside in the leptomeningeal niche. 2009 , 13, 3195-208	47
816	How to make beta cells?. 2009 , 21, 727-32	63
815	Genetic and Epigenetic Features of Stem Cells. 169-202	
814	Stem cell sources to treat diabetes. 2009 , 106, 507-11	59
813	Pluripotency: toward a gold standard for human ES and iPS cells. 2009 , 220, 21-9	93
812	H3K9 acetylation and radial chromatin positioning. 2009 , 220, 91-101	31
811	Immune physiology and oogenesis in fetal and adult humans, ovarian infertility, and totipotency of adult ovarian stem cells. 2009 , 87, 64-89	19
810	Quantitative identification of teratoma tissues formed by human embryonic stem cells with TeratomEye. 2009 , 31, 653-8	5
809	Glycomics of bone marrow-derived mesenchymal stem cells can be used to evaluate their cellular differentiation stage. 2009 , 26, 367-84	48
808	Banks, repositories and registries of stem cell lines in Europe: regulatory and ethical aspects. 2009 , 5, 18-35	9
807	Separation of SSEA-4 and TRA-1-60 labelled undifferentiated human embryonic stem cells from a heterogeneous cell population using magnetic-activated cell sorting (MACS) and fluorescence-activated cell sorting (FACS). 2009 , 5, 72-80	112
806	Consensus guidance for banking and supply of human embryonic stem cell lines for research purposes. 2009 , 5, 301-14	115
805	Embryonic stem cell marker expression pattern in human mesenchymal stem cells derived from bone marrow, adipose tissue, heart and dermis. 2009 , 5, 378-86	238
804	Human stem cells as a model for cardiac differentiation and disease. 2009 , 66, 800-13	29
803	A complex role for FGF-2 in self-renewal, survival, and adhesion of human embryonic stem cells. 2009 , 27, 1847-57	160
802	Identification of human embryonic stem cell surface markers by combined membrane-polysome translation state array analysis and immunotranscriptional profiling. 2009 , 27, 2446-56	64
801	Lack of ABCG2 expression and side population properties in human pluripotent stem cells. 2009 , 27, 2435-45	48
800	Stem cell property of postmigratory cranial neural crest cells and their utility in alveolar bone regeneration and tooth development. 2009 , 27, 866-77	83

(2009-2009)

799	Clone- and gene-specific aberrations of parental imprinting in human induced pluripotent stem cells. 2009 , 27, 2686-90		159
798	A novel role for gamma-secretase in the formation of primitive streak-like intermediates from ES cells in culture. 2009 , 27, 2941-51		21
797	Human embryonic stem cell lines and their use in international research. 2010 , 28, 240-6		53
796	Epithelial cells derived from human embryonic stem cells display p16INK4A senescence, hypermotility, and differentiation properties shared by many P63+ somatic cell types. 2009 , 27, 1388-9	9	37
795	Temporal expression profiling of the effects of secreted factors from prostate stromal cells on embryonal carcinoma stem cells. 2009 , 69, 1353-65		13
794	Self-renewal and differentiation capabilities are variable between human embryonic stem cell lines I3, I6 and BG01V. 2009 , 10, 44		43
793	Continuous hypoxic culturing maintains activation of Notch and allows long-term propagation of human embryonic stem cells without spontaneous differentiation. <i>Cell Proliferation</i> , 2009 , 42, 63-74	7.9	91
792	Human embryonic stem cells secrete soluble factors that inhibit cancer cell growth. <i>Cell Proliferation</i> , 2009 , 42, 788-98	7.9	36
791	Induced pluripotent stem cells and the stability of the differentiated state. 2009 , 10, 714-21		28
790	Human embryonic stem cells: 10 years on. 2009 , 89, 259-62		9
79° 789	Human embryonic stem cells: 10 years on. 2009 , 89, 259-62 Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22	50.4	9 3401
	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> ,		
789	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22		3401
7 ⁸ 9	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22 Developing safe therapies from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2009 , 27, 606-13 Blockade of Cripto binding to cell surface GRP78 inhibits oncogenic Cripto signaling via MAPK/PI3K		3401
789 788 787	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22 Developing safe therapies from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2009 , 27, 606-13 Blockade of Cripto binding to cell surface GRP78 inhibits oncogenic Cripto signaling via MAPK/PI3K and Smad2/3 pathways. 2009 , 28, 2324-36 Preimplantation genetic diagnosis as a source of human embryonic stem cells for disease research		3401 110 143
789 788 787 786	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22 Developing safe therapies from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2009 , 27, 606-13 Blockade of Cripto binding to cell surface GRP78 inhibits oncogenic Cripto signaling via MAPK/PI3K and Smad2/3 pathways. 2009 , 28, 2324-36 Preimplantation genetic diagnosis as a source of human embryonic stem cells for disease research and drug discovery. 2009 , 116, 158-65 Genetic stability of human embryonic stem cells: A first-step toward the development of potential		3401 110 143 16
789 788 787 786 785	Human DNA methylomes at base resolution show widespread epigenomic differences. <i>Nature</i> , 2009 , 462, 315-22 Developing safe therapies from human pluripotent stem cells. <i>Nature Biotechnology</i> , 2009 , 27, 606-13 Blockade of Cripto binding to cell surface GRP78 inhibits oncogenic Cripto signaling via MAPK/PI3K and Smad2/3 pathways. 2009 , 28, 2324-36 Preimplantation genetic diagnosis as a source of human embryonic stem cells for disease research and drug discovery. 2009 , 116, 158-65 Genetic stability of human embryonic stem cells: A first-step toward the development of potential hESC-based systems for modeling childhood leukemia. 2009 , 33, 980-90 Stable transgene expression in human embryonic stem cells after simple chemical transfection.		3401 110 143 16 30

781	Integrated chemical genomics reveals modifiers of survival in human embryonic stem cells. 2009 , 27, 533-542	47
78o	SWI/SNF-Brg1 regulates self-renewal and occupies core pluripotency-related genes in embryonic stem cells. 2009 , 27, 317-28	187
779	Genetic analysis of the role of the reprogramming gene LIN-28 in human embryonic stem cells. 2009 , 27, 352-62	66
778	The prospect of pluripotent stem cell-based therapy. 2009 , 3, 248-258	
777	Regulation of in vitro and in vivo differentiation of mouse embryonic stem cells, embryonic germ cells and teratocarcinoma cells by TGF[family signaling factors. 2009 , 40, 325-338	6
776	Isolation and production of cells suitable for human therapy: challenges ahead. 2009 , 4, 20-6	110
775	Optimal timing of inner cell mass isolation increases the efficiency of human embryonic stem cell derivation and allows generation of sibling cell lines. 2009 , 4, 103-6	148
774	Histone deacetylase inhibition elicits an evolutionarily conserved self-renewal program in embryonic stem cells. 2009 , 4, 359-69	136
773	Phosphorylation dynamics during early differentiation of human embryonic stem cells. 2009 , 5, 214-26	271
772	Phosphoproteomic analysis of human embryonic stem cells. 2009 , 5, 204-13	163
771	Cardiomyocytes from human pluripotent stem cells in regenerative medicine and drug discovery. 2009 , 30, 536-45	66
770	Histone h3 lysine 56 acetylation is linked to the core transcriptional network in human embryonic stem cells. 2009 , 33, 417-27	160
769	Proteomic profiling of human embryonic stem cell-derived microvesicles reveals a risk of transfer of proteins of bovine and mouse origin. 2009 , 11, 330-40, 1 p following 340	18
768	Multilocus methylation analysis in a large cohort of 11p15-related foetal growth disorders (Russell Silver and Beckwith Wiedemann syndromes) reveals simultaneous loss of methylation at paternal and maternal imprinted loci. 2009 , 18, 4724-33	191
767	Characterization of human PGD blastocysts with unbalanced chromosomal translocations and human embryonic stem cell line derivation. 2009 , 19, 57-70	11
766	Immunoflourescence and mRNA analysis of human embryonic stem cells (hESCs) grown under feeder-free conditions. <i>Methods in Molecular Biology</i> , 2010 , 584, 195-210	14
765	Plasticity of stem cells derived from adult periodontal ligament. 2009 , 4, 809-21	104
764	A self-renewal program controls the expansion of genetically unstable cancer stem cells in pluripotent stem cell-derived tumors. 2009 , 27, 18-28	29

(2010-2009)

763	Adipocyte differentiation in human embryonic stem cells transduced with Oct4 shRNA lentivirus. 2009 , 18, 653-60	16
762	Pancreatic Stem Cells. 2009,	4
761	Large scale production of stem cells and their derivatives. 2009 , 114, 201-35	45
760	Functional cardiomyocytes derived from human induced pluripotent stem cells. 2009, 104, e30-41	1023
759	Single-cell transcript analysis of human embryonic stem cells. 2009 , 1, 540-51	26
758	Parthenogenetic embryo-like structures in the human ovarian surface epithelium cell culture in postmenopausal women with no naturally present follicles and oocytes. 2009 , 18, 137-49	135
757	Substantial variation in the cardiac differentiation of human embryonic stem cell lines derived and propagated under the same conditions—a comparison of multiple cell lines. 2009 , 41, 360-70	53
756	Generation of mesenchymal stromal cells from HOXB4-expressing human embryonic stem cells. 2009 , 11, 716-25	8
755	Cancer stem cells: the other face of Janus. 2009, 338, 107-12	16
754	Skewed X chromosome inactivation in diploid and triploid female human embryonic stem cells. 2009 , 24, 1834-43	18
753	Toward clinical therapies using hematopoietic cells derived from human pluripotent stem cells. 2009 , 114, 3513-23	123
752	Efficient induction of transgene-free human pluripotent stem cells using a vector based on Sendai virus, an RNA virus that does not integrate into the host genome. 2009 , 85, 348-62	1000
75 ¹	Alternative strategies for the derivation of human embryonic stem cell lines and the role of dead embryos. 2009 , 4, 81-6	9
75°	Stem cells: outstanding potential and outstanding questions. 2009 , 54, 35-7	8
749	The biological restoration of central nervous system architecture and function: part 1-foundations and historical landmarks in contemporary stem cell biology. 2009 , 64, 15-39; discussion 34	7
748	Worldwide survey of published procedures to culture human embryonic stem cells. 2010 , 19, 509-23	17
747	Do We Need More Human Embryonic Stem Cell Lines?. 2010 , 24, 1921-1927	6
746	Evaluating the utility of cardiomyocytes from human pluripotent stem cells for drug screening. 2010 , 38, 1037-45	97

745	Characteristics and specific features of new human embryonic stem cell lines. 2010, 4, 1-13	1
744	Properties and identification of cancer stem cells: a changing insight into intractable cancer. 2010 , 40, 608-13	8
743	Expression of Neuropathy Target Esterase in mouse embryonic stem cells during differentiation. 2010 , 84, 481-91	14
742	Spatial and temporal expression pattern of germ layer markers during human embryonic stem cell differentiation in embryoid bodies. 2010 , 133, 595-606	37
741	Pluripotent stem cells: origin, maintenance and induction. 2010 , 6, 633-49	39
740	Generation of liver disease-specific induced pluripotent stem cells along with efficient differentiation to functional hepatocyte-like cells. 2010 , 6, 622-32	137
739	High resolution array-CGH characterization of human stem cells using a stem cell focused microarray. 2010 , 46, 234-42	44
738	Analysis of long-term culture properties and pluripotent character of two sibling human embryonic stem cell lines derived from discarded embryos. 2010 , 46, 200-5	18
737	Human embryonic stem cell lines isolation, cultivation, and characterization. 2010 , 46, 284-93	13
736	Derivation, characterization, differentiation, and registration of seven human embryonic stem cell lines (VAL-3, -4, -5, -6M, -7, -8, and -9) on human feeder. 2010 , 46, 317-26	31
735	Derivation and characterisation of the human embryonic stem cell lines, NOTT1 and NOTT2. 2010 , 46, 367-75	7
734	Generation of Sheffield (Shef) human embryonic stem cell lines using a microdrop culture system. 2010 , 46, 236-41	34
733	International stem cell registries. 2010 , 46, 242-6	15
732	Comparison of defined culture systems for feeder cell free propagation of human embryonic stem cells. 2010 , 46, 247-58	158
731	Derivation of three new human embryonic stem cell lines. 2010 , 46, 294-9	9
730	Human embryonic stem cells from aneuploid blastocysts identified by pre-implantation genetic screening. 2010 , 46, 309-16	19
729	The effect of human embryonic stem cells (hESCs) long-term normoxic and hypoxic cultures on the maintenance of pluripotency. 2010 , 46, 276-83	30
728	Human ES cell linesintroduction. 2010 , 46, 167-8	3

(2010-2010)

727	Advantages and difficulties in culturing human pluripotent stem cells in growth factor-defined serum-free medium. 2010 , 46, 573-6	18
726	Impacts of recent advances in cardiovascular regenerative medicine on clinical therapies and drug discovery. 2010 , 126, 109-18	16
725	Pluripotency genes overexpressed in primate embryonic stem cells are localized on homologues of human chromosomes 16, 17, 19, and X. 2010 , 4, 25-37	3
724	A high-resolution molecular-based panel of assays for identification and characterization of human embryonic stem cell lines. 2010 , 4, 92-106	8
723	Production and isolation of NG2+ oligodendrocyte precursors from human embryonic stem cells in defined serum-free medium. 2010 , 5, 91-103	54
722	Derivation, characterization, and gene expression profile of two new human ES cell lines from India. 2010 , 5, 173-87	8
721	Teratomas from pluripotent stem cells: A clinical hurdle. 2010 , 111, 769-81	166
720	The expression of stem cell-related indicators as a prognostic factor in human lung adenocarcinoma. 2010 , 102, 856-62	17
719	Transdifferentiation potentiality of human Wharton's jelly stem cells towards vascular endothelial cells. 2010 , 223, 640-7	41
718	Global transcriptional profiles of beating clusters derived from human induced pluripotent stem cells and embryonic stem cells are highly similar. 2010 , 10, 98	62
717	Differences in the epigenetic and reprogramming properties of pluripotent and extra-embryonic stem cells implicate chromatin remodelling as an important early event in the developing mouse embryo. 2010 , 3, 1	24
716	Nuclear transfer-derived epiblast stem cells are transcriptionally and epigenetically distinguishable from their fertilized-derived counterparts. 2010 , 28, 743-52	24
715	The lamina propria of adult human oral mucosa harbors a novel stem cell population. 2010 , 28, 984-95	127
714	European scientific, ethical, and legal issues on human stem cell research and regenerative medicine. 2010 , 28, 1005-7	23
713	Human embryonic stem cells are capable of executing G1/S checkpoint activation. 2010, 28, 1143-52	60
712	Aberrant epigenetic silencing of tumor suppressor genes is reversed by direct reprogramming. 2010 , 28, 1349-54	21
711	Toward a complete in silico, multi-layered embryonic stem cell regulatory network. 2010 , 2, 708-33	20
710	Derivation, characterization and differentiation of a new human embryonic stem cell line from a Chinese hatched blastocyst assisted by a non-contact laser system. 2010 , 23, 89-102	2

709	Characterizing human embryonic stem cells: biological and social markers of identity. 2010 , 24, 433-50		12
708	An introduction to induced pluripotent stem cells. 2010 , 151, 16-24		22
707	Extrinsic regulation of pluripotent stem cells. <i>Nature</i> , 2010 , 465, 713-20	50.4	243
706	Banking on (pluri) potential. 2010 , 48, v-vii		
7°5	Feeder- and serum-free establishment and expansion of human induced pluripotent stem cells. 2010 , 54, 877-86		76
704	Variations of X chromosome inactivation occur in early passages of female human embryonic stem cells. 2010 , 5, e11330		50
703	Functional genomics of 5- to 8-cell stage human embryos by blastomere single-cell cDNA analysis. 2010 , 5, e13615		62
702	Epigenetics and assisted reproduction. 252-267		1
701	Analysis of in Vitro and in Vivo Characteristics of Human Embryonic Stem Cell-Derived Neural Precursors. 2010 , 19, 471-486		19
700	Safety paradigm: genetic evaluation of therapeutic grade human embryonic stem cells. 2010 , 7 Suppl 6, S677-88		29
699	Interwoven four-compartment capillary membrane technology for three-dimensional perfusion with decentralized mass exchange to scale up embryonic stem cell culture. 2010 , 192, 39-49		19
698	CD44posCD49fhiCD133/2hi defines xenograft-initiating cells in estrogen receptor-negative breast cancer. 2010 , 70, 4624-33		146
697	The generation of programmable cells of monocytic origin involves partial repression of monocyte/macrophage markers and reactivation of pluripotency genes. 2010 , 19, 1769-80		12
696	Effect of karyotype on successful human embryonic stem cell derivation. 2010 , 19, 39-46		29
695	Transcriptional regulation of Oct4 by a long non-coding RNA antisense to Oct4-pseudogene 5. 2010 , 1, 165-175		162
694	Induced pluripotent stem cells: a new approach for physiological research. 2010 , 26, 105-24		15
693	Defined factors induce reprogramming of gastrointestinal cancer cells. 2010 , 107, 40-5		230
692	Genetic instability in human induced pluripotent stem cells: classification of causes and possible safeguards. 2010 , 9, 4603-4		36

691	Induced Pluripotent Stem Cells: The Dragon Awakens. 2010 , 60, 278-285	9
690	A scalable approach for discovering conserved active subnetworks across species. 2010 , 6, e1001028	15
689	Prognostic significance of OCT4 expression in adenocarcinoma of the lung. 2010 , 40, 961-6	40
688	Human embryonic mesodermal progenitors highly resemble human mesenchymal stem cells and display high potential for tissue engineering applications. 2010 , 16, 2161-82	59
687	Characterization of microRNAs involved in embryonic stem cell states. 2010 , 19, 935-50	138
686	In situ cryopreservation of human embryonic stem cells in gas-permeable membrane culture cassettes for high post-thaw yield and good manufacturing practice. 2010 , 60, 344-50	19
685	Cellular reprogramming of human amniotic fluid cells to express insulin. 2010 , 80, 130-9	14
684	Current technology for the derivation of pluripotent stem cell lines from human embryos. 2010 , 6, 521-31	29
683	Female human iPSCs retain an inactive X chromosome. 2010 , 7, 329-42	223
682	The role of FGF-signaling in early neural specification of human embryonic stem cells. 2010 , 340, 450-8	35
681	Expanding applications of protein analysis using proximity ligation and qPCR. 2010 , 50, S23-6	35
680	Identification of cell surface proteins for antibody-based selection of human embryonic stem cell-derived cardiomyocytes. 2010 , 9, 1610-8	84
679	Role of Cripto-1 in stem cell maintenance and malignant progression. 2010 , 177, 532-40	90
678	Stem cells. Epigenome disruptors. 2010 , 330, 598-9	7
677	Long-term expansion and pluripotent marker array analysis of Wharton's jelly-derived mesenchymal stem cells. 2010 , 19, 117-30	129
676	Subfractionation of differentiating human embryonic stem cell populations allows the isolation of a mesodermal population enriched for intermediate mesoderm and putative renal progenitors. 2010 , 19, 1637-48	45
675	Microfluidic image cytometry for quantitative single-cell profiling of human pluripotent stem cells in chemically defined conditions. 2010 , 10, 1113-9	45
674	Systems biology discoveries using non-human primate pluripotent stem and germ cells: novel gene and genomic imprinting interactions as well as unique expression patterns. 2010 , 1, 24	7

673	Bone tissue engineering with human stem cells. 2010 , 1, 10		147
672	Human Embryonic Stem Cell Protocols. <i>Methods in Molecular Biology</i> , 2010 ,	1.4	2
671	Hypoxic culture maintains self-renewal and enhances embryoid body formation of human embryonic stem cells. 2010 , 16, 2901-13		29
670	Molecular mechanisms of pluripotency and reprogramming. 2010 , 1, 33		10
669	Feeder-free culture of human embryonic stem cells for scalable expansion in a reproducible manner. 2011 , 20, 1089-98		18
668	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , 2011 , 29, 1132-44	44.5	406
667	Cryopreservation of Human Stem Cells for Clinical Application: A Review. 2011 , 38, 107-123		228
666	Breast cancer cells produce tenascin C as a metastatic niche component to colonize the lungs. 2011 , 17, 867-74		636
665	Detection, characterization, and spontaneous differentiation in vitro of very small embryonic-like putative stem cells in adult mammalian ovary. 2011 , 20, 1451-64		208
664	Discovering small molecules to control stem cell fate. 2011 , 3, 1539-49		10
663	Potential Risks of Stem Cell Therapies. 2011 , 361-387		0
662	Stem cell banks: preserving cell lines, maintaining genetic integrity, and advancing research. <i>Methods in Molecular Biology</i> , 2011 , 767, 15-27	1.4	9
661	Genome-wide identification of microRNA targets in human ES cells reveals a role for miR-302 in modulating BMP response. 2011 , 25, 2173-86		143
660	High-throughput microfluidic single-cell RT-qPCR. 2011 , 108, 13999-4004		359
659	GMP scale-up and banking of pluripotent stem cells for cellular therapy applications. <i>Methods in Molecular Biology</i> , 2011 , 767, 147-59	1.4	37
658	High-throughput tracking of pluripotent human embryonic stem cells with dual fluorescence resonance energy transfer molecular beacons. 2011 , 20, 475-84		41
657	Stem Cells. 2011 , 341-365		3
656	Human pluripotent stem cells in pharmacological and toxicological screening: new perspectives for personalized medicine. 2011 , 8, 347-364		7

655	The quantitative proteomes of human-induced pluripotent stem cells and embryonic stem cells. 2011 , 7, 550	104
654	Phenotype and Developmental Potential of Cardiomyocytes from Induced Pluripotent Stem Cells and Human Embryonic Stem Cells. 2011 , 217-238	
653	Advances in the Culture of Human Embryonic Stem Cells. 2011 , 251-264	
652	Pancreatic Tissues. 2011 , 521-536	
651	Reference Maps of human ES and iPS cell variation enable high-throughput characterization of pluripotent cell lines. 2011 , 144, 439-52	756
650	Pinacidil enhances survival of cryopreserved human embryonic stem cells. 2011 , 63, 298-305	19
649	Switching stem cell state through programmed germ cell reprogramming. 2011 , 81, 281-91	9
648	Characterization and Classification of Stem Cells. 2011 , 149-167	3
647	Culture Adaptation of Pluripotent Stem Cells: Challenges and Opportunities. 2011, 265-276	
646	Therapeutic cloning by xenotransplanted oocytes, supplemented with species specific reprogramming factors. 2011 , 76, 527-9	1
645	Linking X chromosome inactivation to pluripotency: Necessity or fate?. 2011 , 17, 329-36	12
644	Donation of embryos for human development and stem cell research. 2011 , 8, 360-2	19
643	Reprogramming of mouse and human cells to pluripotency using mature microRNAs. 2011 , 8, 633-8	604
642	Assessing the safety of stem cell therapeutics. 2011 , 8, 618-28	175
641	Induced Pluripotent Stem Cells. 2011 , 187-205	
640	FOXO1 is an essential regulator of pluripotency in human embryonic stem cells. 2011 , 13, 1092-9	180
639	Current progress and potential practical application for human pluripotent stem cells. 2011 , 292, 153-96	7
638	5-Hydroxymethylcytosine is associated with enhancers and gene bodies in human embryonic stem cells. 2011 , 12, R54	351

637	The teratoma assay: an in vivo assessment of pluripotency. Methods in Molecular Biology, 2011, 767, 231-44	43
636	Stem Cell Manufacturing. 2011 , 215-227	
635	Applications of stem cells in developmental toxicology. 2011 , 783-792	1
634	. 2011,	7
633	Derivation of two new human embryonic stem cell lines from nonviable human embryos. 2011 , 2011, 765378	17
632	From Pluripotency to Early Differentiation of Human Embryonic Stem Cell Cultures Evaluated by Electron Microscopy and Immunohistochemistry. 2011 ,	
631	Expression patterns of cancer-testis antigens in human embryonic stem cells and their cell derivatives indicate lineage tracks. 2011 , 2011, 795239	34
630	A universal system for highly efficient cardiac differentiation of human induced pluripotent stem cells that eliminates interline variability. 2011 , 6, e18293	309
629	A DNMT3B alternatively spliced exon and encoded peptide are novel biomarkers of human pluripotent stem cells. 2011 , 6, e20663	13
628	Early events in xenograft development from the human embryonic stem cell line HS181resemblance with an initial multiple epiblast formation. 2011 , 6, e27741	12
627	Efficient derivation and concise gene expression profiling of human embryonic stem cell-derived mesenchymal progenitors (EMPs). 2011 , 20, 1529-45	51
626	Stem cells therapies in basic science and translational medicine: current status and treatment monitoring strategies. 2011 , 12, 469-87	8
625	Stem cells in pharmaceutical biotechnology. 2011 , 12, 1760-73	5
624	Epigenetic signatures of somatic cell nuclear transfer-derived embryonic stem cells. 2011 , 28, 697-704	2
623	Lectin microarray analysis of pluripotent and multipotent stem cells. 2011, 16, 1-11	69
622	From stem cells to neural networks: recent advances and perspectives for neurodevelopmental disorders. 2011 , 53, 13-7	41
621	Geranylated flavanone tomentodiplacone B inhibits proliferation of human monocytic leukaemia (THP-1) cells. 2011 , 162, 1534-41	21
620	Induced pluripotent stem cell lines derived from human gingival fibroblasts and periodontal ligament fibroblasts. 2011 , 46, 438-47	97

619	Clonal interrogation of stem cells. 2011 , 8, S36-40	29
618	The tumorigenicity of human embryonic and induced pluripotent stem cells. 2011 , 11, 268-77	667
617	Teratogen screening using transcriptome profiling of differentiating human embryonic stem cells. 2011 , 15, 1393-401	34
616	Dissecting the molecular pathways of (testicular) germ cell tumour pathogenesis; from initiation to treatment-resistance. 2011 , 34, e234-51	53
615	The testicular germ cell tumour transcriptome. 2011 , 34, e133-50; discussion e150-1	35
614	Mapping the stem cell state: eight novel human embryonic stem and embryonal carcinoma cell antibodies. 2011 , 34, e175-87; discussion e187-8	5
613	Human embryonic fibroblasts support single cell enzymatic expansion of human embryonic stem cells in xeno-free cultures. 2011 , 6, 70-82	13
612	Meta-analysis of the heterogeneity of X chromosome inactivation in human pluripotent stem cells. 2011 , 6, 187-93	62
611	Regenerative medicine. 2011 , 48, 148-212	29
610	Computational analysis of expression of human embryonic stem cell-associated signatures in tumors. 2011 , 4, 471	7
609	Retinoblastoma-binding proteins 4 and 9 are important for human pluripotent stem cell maintenance. 2011 , 39, 866-79.e1	26
608	The influence of scaffold elasticity on germ layer specification of human embryonic stem cells. 2011 , 32, 9612-21	122
607	Human induced pluripotent stem cells derived from fetal neural stem cells successfully undergo directed differentiation into cartilage. 2011 , 20, 1099-112	73
606	Expression patterns of germ line specific genes in mouse and human pluripotent stem cells are associated with regulation of ground and primed state of pluripotency. 2011 , 42, 355-375	5
605	Cell culture contamination. <i>Methods in Molecular Biology</i> , 2011 , 731, 79-91	24
604	Gene expression profiles in CHA3 and CHA4 human embryonic stem cells and embryoid bodies. 2011 , 31, 315-26	10
603	Sequential array cytometry: multi-parameter imaging with a single fluorescent channel. 2011 , 39, 1328-34	10
602	How to cross immunogenetic hurdles to human embryonic stem cell transplantation. 2011 , 33, 525-34	10

601	In vitro immunogenicity of undifferentiated pluripotent stem cells (PSC) and derived lineages. 2011 , 33, 551-62	19
600	Potential barriers to therapeutics utilizing pluripotent cell derivatives: intrinsic immunogenicity of in vitro maintained and matured populations. 2011 , 33, 563-72	28
599	Human Wharton's jelly stem cells have unique transcriptome profiles compared to human embryonic stem cells and other mesenchymal stem cells. 2011 , 7, 1-16	243
598	Redefining the concept of standardization for pluripotent stem cells. 2011 , 7, 221-6	11
597	Cardiac regeneration: different cells same goal. 2011 , 49, 723-32	12
596	Membrane proteomic signatures of karyotypically normal and abnormal human embryonic stem cell lines and derivatives. 2011 , 11, 2515-27	17
595	Proteomics of human embryonic stem cells. 2011 , 11, 675-90	17
594	Human embryonic stem cells suffer from centrosomal amplification. 2011 , 29, 46-56	36
593	Brief report: benchmarking human pluripotent stem cell markers during differentiation into the three germ layers unveils a striking heterogeneity: all markers are not equal. 2011 , 29, 1469-74	34
592	Cardiotoxicity testing using pluripotent stem cell-derived human cardiomyocytes and state-of-the-art bioanalytics: a review. 2011 , 31, 191-205	63
591	Pentapeptide-modified poly(N,N-diethylacrylamide) hydrogel scaffolds for tissue engineering. 2011 , 98, 54-67	7
590	Neural development in human embryonic stem cells-applications of lentiviral vectors. 2011 , 112, 1955-62	7
589	The effects of culture on genomic imprinting profiles in human embryonic and fetal mesenchymal stem cells. 2011 , 6, 52-62	39
588	Mouse cloning and somatic cell reprogramming using electrofused blastomeres. 2011 , 21, 770-8	11
587	The future of induced pluripotent stem cells for cardiac therapy and drug development. 2011 , 17, 3258-70	16
586	Dissecting the oncogenic and tumorigenic potential of differentiated human induced pluripotent stem cells and human embryonic stem cells. 2011 , 71, 5030-9	78
585	Development of a mouse model for studying the effect of embryo culture on embryonic stem cell derivation. 2011 , 20, 1577-86	5
584	Sensitivity of human embryonic and induced pluripotent stem cells to a topoisomerase II poison etoposide. 2011 , 10, 2035-7	10

583	Markers of pluripotency and differentiation in human neural precursor cells derived from embryonic stem cells and CNS tissue. 2011 , 20, 177-91	43
582	High-content screening for chemical modulators of embryonal carcinoma cell differentiation and survival. 2011 , 16, 603-17	14
581	Insulin-producing surrogate Eells from embryonic stem cells: are we there yet?. 2011 , 19, 1759-68	40
580	The binding specificity of the marker antibodies Tra-1-60 and Tra-1-81 reveals a novel pluripotency-associated type 1 lactosamine epitope. 2011 , 21, 1125-30	65
579	Rescuing replication and osteogenesis of aged mesenchymal stem cells by exposure to a young extracellular matrix. 2011 , 25, 1474-85	150
578	Rare cell proteomic reactor applied to stable isotope labeling by amino acids in cell culture (SILAC)-based quantitative proteomics study of human embryonic stem cell differentiation. 2011 , 10, M110.000679	50
577	Characterization of invasive trophoblasts generated from human embryonic stem cells. 2011, 26, 398-406	22
576	Achieving stable human stem cell engraftment and survival in the CNS: is the future of regenerative medicine immunodeficient?. 2011 , 6, 367-406	74
575	Toward safer regenerative medicine. <i>Nature Biotechnology</i> , 2011 , 29, 803-5 44.5	11
574	Detection and characterization of 2-E2-specific surface protein in human pluripotent stem cells. 2011 , 30, 401-4	1
573	Scaffold Materials for hES Cell Culture and Differentiation. 2011 , 95-113	1
57 ²	Framing pluripotency: iPS cells and the shaping of stem cell science. 2011 , 30, 415-431	17
57 ¹	Differentiation of stem cells upon deprivation of exogenous FGF2: a general approach to study spontaneous differentiation of hESCs in vitro. 2012 , 58, 330-8	9
570	Human embryonic stem cell responses to ionizing radiation exposures: current state of knowledge and future challenges. 2012 , 2012, 579104	17
569	A stochastic model of epigenetic dynamics in somatic cell reprogramming. 2012 , 3, 216	36
568	Pluripotent stem cells in research and treatment of hemoglobinopathies. 2012 , 2, a011841	10
567	Mass spectrometry-based proteomic analysis of the matrix microenvironment in pluripotent stem cell culture. 2012 , 11, 1924-36	33
566	Stem cells as a novel tool for drug screening and treatment of degenerative diseases. 2012 , 18, 2644-56	20

565	Alliances, collaborations and consortia: the International Stem Cell Forum and its role in shaping global governance and policy. 2012 , 7, 84-8	6
564	Derivation of novel genetically diverse human embryonic stem cell lines. 2012 , 21, 1559-70	4
563	Generation and hepatic differentiation of human iPS cells. <i>Methods in Molecular Biology</i> , 2012 , 826, 103-14.	5
562	NIH accused of being overly literal on stem cell approvals. 2012 , 18, 325	1
561	Small molecule mesengenic induction of human induced pluripotent stem cells to generate mesenchymal stem/stromal cells. 2012 , 1, 83-95	138
560	Disruption and therapeutic rescue of autophagy in a human neuronal model of Niemann Pick type C1. 2012 , 21, 2651-62	88
559	Reprogramming of Human Huntington Fibroblasts Using mRNA. 2012 , 2012, 1-12	10
558	Stimulation of cultured h9 human embryonic stem cells with thyroid stimulating hormone does not lead to formation of thyroid-like cells. 2012 , 2012, 634914	4
557	Stem Cells and Their Use for the Treatment of Kidney Diseases. 2012 , 863-871	O
556	Bone tissue engineering: recent advances and challenges. 2012 , 40, 363-408	1340
556 555	Bone tissue engineering: recent advances and challenges. 2012 , 40, 363-408 Standardization of pluripotent stem cell cultures for toxicity testing. 2012 , 8, 239-57	1340 35
555	Standardization of pluripotent stem cell cultures for toxicity testing. 2012 , 8, 239-57	35
555 554	Standardization of pluripotent stem cell cultures for toxicity testing. 2012 , 8, 239-57 Embryonic stem cell markers. 2012 , 17, 6196-236	35
555554553	Standardization of pluripotent stem cell cultures for toxicity testing. 2012, 8, 239-57 Embryonic stem cell markers. 2012, 17, 6196-236 Proteomic analysis of stem cell differentiation and early development. 2012, 4,	35 129 19
555554553552	Standardization of pluripotent stem cell cultures for toxicity testing. 2012, 8, 239-57 Embryonic stem cell markers. 2012, 17, 6196-236 Proteomic analysis of stem cell differentiation and early development. 2012, 4, Modeling human hematopoietic cell development from pluripotent stem cells. 2012, 40, 601-11 Derivation and propagation of human embryonic stem cell lines from frozen embryos in an animal	35 129 19
555554553552551	Standardization of pluripotent stem cell cultures for toxicity testing. 2012, 8, 239-57 Embryonic stem cell markers. 2012, 17, 6196-236 Proteomic analysis of stem cell differentiation and early development. 2012, 4, Modeling human hematopoietic cell development from pluripotent stem cells. 2012, 40, 601-11 Derivation and propagation of human embryonic stem cell lines from frozen embryos in an animal product-free environment. 2012, 7, 1366-81	35 129 19 32 63

547	Expanding the boundaries of embryonic stem cells. 2012 , 10, 666-677		53
546	Sourcing and using stem cell lines for radiation research: Potential, challenges and good stem cell culture practice. 2012 , 88, 703-8		2
545	Stem cells combined with bone graft substitutes in skeletal tissue engineering. 2012, 12, 713-29		64
544	NO-Etatenin crosstalk modulates primitive streak formation prior to embryonic stem cell osteogenic differentiation. 2012 , 125, 5564-77		31
543	Lessons from human teratomas to guide development of safe stem cell therapies. <i>Nature Biotechnology</i> , 2012 , 30, 849-57	44.5	134
542	Genetic and epigenetic stability of human pluripotent stem cells. 2012, 13, 732-44		167
541	The potential of induced pluripotent stem cells as a translational model for neurotoxicological risk. 2012 , 33, 518-29		36
540	Derivation of an interaction/regulation network describing pluripotency in human. 2012 , 502, 99-107		4
539	Pluripotency and its layers of complexity. 2012 , 1, 7		4
538	The development of pluripotent stem cells. 2012 , 22, 403-8		10
537	Non-colony type monolayer culture of human embryonic stem cells. 2012 , 9, 237-48		38
536	Biobanks for Pluripotent Stem Cells. 2012 , 105-125		3
535	Characterization of Human Pluripotent Stem Cell-Derived Teratomas. 2012, 345-359		2
534	Stem Cells and Parkinson's Disease. 2012 ,		
533	Banking stem cells for research and clinical applications. 2012 , 200, 41-58		11
532	Novel live alkaline phosphatase substrate for identification of pluripotent stem cells. 2012 , 8, 1021-9		49
531	Human Embryonic and Induced Pluripotent Stem Cells. 2012,		5
530	Nuclear Reprogramming and Stem Cells. 2012 ,		1

Mesenchymal Stem Cells: Application for Immunomodulation and Tissue Repair. **2012**, 332-357

528	An orthogonal comparison of the proteome of human embryonic stem cells with that of human induced pluripotent stem cells of different genetic background. 2012 , 8, 1833-40		7
527	Liver Stem Cells. Methods in Molecular Biology, 2012,	1.4	
526	Disclosure and management of research findings in stem cell research and banking: policy statement. 2012 , 7, 439-48		27
525	Stem Cells and Cancer Stem Cells, Volume 5. 2012 ,		1
524	Derivation of xeno-free and GMP-grade human embryonic stem cellsplatforms for future clinical applications. 2012 , 7, e35325		77
523	Extensive transcriptional regulation of chromatin modifiers during human neurodevelopment. 2012 , 7, e36708		19
522	Human embryonic stem cells and embryonal carcinoma cells have overlapping and distinct metabolic signatures. 2012 , 7, e39896		41
521	Isolation and characterization of human dental pulp derived stem cells by using media containing low human serum percentage as clinical grade substitutes for bovine serum. 2012 , 7, e48945		48
520	X-chromosome inactivation in rett syndrome human induced pluripotent stem cells. 2012 , 3, 24		35
519	State of the art in stem cell research: human embryonic stem cells, induced pluripotent stem cells, and transdifferentiation. 2012 , 2012, 317632		11
518	Higher copy number variation and diverse X chromosome inactivation in parthenote-derived human embryonic stem cells. 2012 , 58, 642-8		3
517	Epigenetic stability of human pluripotent stem cells. 118-133		
516	Prolonged maturation culture favors a reduction in the tumorigenicity and the dopaminergic function of human ESC-derived neural cells in a primate model of Parkinson's disease. 2012 , 30, 935-45		119
515	Epigenetics of embryonic stem cells. 2012 , 741, 231-53		9
514	Solving the "X" in embryos and stem cells. 2012 , 21, 1215-24		15
513	Pluripotency and nuclear reprogramming. 2012 , 81, 737-65		29
512	YKL-40 is differentially expressed in human embryonic stem cells and in cell progeny of the three germ layers. 2012 , 60, 188-204		35

511	Monolayer Culture Condition for Mouse Embryonic Stem Cells Differentiation into Neural Crest Cells (Method). 2012 , 233-240		1
510	Primitive cardiac cells from human embryonic stem cells. 2012 , 21, 1513-23		68
509	Current developments in cell culture technology. 2012 , 745, 1-13		11
508	Induced pluripotent stem cells generated from diabetic patients with mitochondrial DNA A3243G mutation. 2012 , 55, 1689-98		81
507	Transcriptional expression profile of cultured human embryonic stem cells in vitro and in vivo. 2012 , 48, 165-74		6
506	The procurement of cells for the derivation of human embryonic stem cell lines for therapeutic use: recommendations for good practice. 2012 , 8, 91-9		19
505	Cripto/GRP78 modulation of the TGF-[pathway in development and oncogenesis. 2012, 586, 1836-45		67
504	Changes in CDKN2D, TP53, and miR125a expression: potential role in the evaluation of human amniotic fluid-derived mesenchymal stromal cell fitness. 2012 , 17, 673-87		6
503	Egg donation for stem cell research: ideas of surplus and deficit in Australian IVF patients' and reproductive donors' accounts. 2012 , 34, 513-28		14
502	The science of stem cell biobanking: investing in the future. 2012 , 227, 14-9		8
501	Application of epigenome-modifying small molecules in induced pluripotent stem cells. 2013 , 33, 790-822		11
500	Teratoma formation of human embryonic stem cells in three-dimensional perfusion culture bioreactors. 2013 , 7, 729-41		25
499	Small SSEA-4-positive cells from human ovarian cell cultures: related to embryonic stem cells and germinal lineage?. 2013 , 6, 24		37
498	Corneal Regenerative Medicine. <i>Methods in Molecular Biology</i> , 2013 ,	4	6
497	Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2013 ,	4	4
496	Human-induced pluripotent stem cells as a source of hepatocyte-like cells: new kids on the block. 2013 , 7, 299-305		4
495	Positive correlation of Oct4 and ABCG2 to chemotherapeutic resistance in CD90(+)CD133(+) liver cancer stem cells. 2013 , 15, 143-50		49
494	Expression of FGF19 in human embryonic stem cells. 2013 , 31, 2582-4		8

493	Whole-organ re-engineering: a regenerative medicine approach to digestive organ replacement. 2013 , 43, 587-94	32
492	The Stem Cell Uncertainty Principle. 2013 , 80, 945-957	6
491	CD44 and SSEA-4 positive cells in an oral cancer cell line HSC-4 possess cancer stem-like cell characteristics. 2013 , 49, 787-95	38
490	Influence of activin A supplementation during human embryonic stem cell derivation on germ cell differentiation potential. 2013 , 22, 3141-55	20
489	Cell cycle regulation in human embryonic stem cells: links to adaptation to cell culture. 2013 , 238, 271-5	29
488	Targeting human embryonic stem cells with quantum dot-conjugated phages. 2013 , 3, 3134	5
487	Reference loci for RT-qPCR analysis of differentiating human embryonic stem cells. 2013, 14, 21	27
486	Decrease in abundance of apurinic/apyrimidinic endonuclease causes failure of base excision repair in culture-adapted human embryonic stem cells. 2013 , 31, 693-702	18
485	Standardization of human stem cell pluripotency using bioinformatics. 2013 , 4, 37	10
484	The implementation of novel collaborative structures for the identification and resolution of barriers to pluripotent stem cell translation. 2013 , 22 Suppl 1, 63-72	6
483	In-a-dish: induced pluripotent stem cells as a novel model for human diseases. 2013 , 83, 11-7	18
482	Perspective from the heart: the potential of human pluripotent stem cell-derived cardiomyocytes. 2013 , 114, 39-46	4
481	Establishment, characterization, and differentiation of a karyotypically normal human embryonic stem cell line from a trisomy-affected embryo. 2013 , 49, 15-26	2
480	Reviewing and updating the major molecular markers for stem cells. 2013 , 22, 1455-76	118
479	Periodontal ligament cells cultured under steady-flow environments demonstrate potential for use in heart valve tissue engineering. 2013 , 19, 458-66	19
478	Derivation of human embryonic stem cells using a post-inner cell mass intermediate. 2013 , 8, 254-64	21
477	Induced Pluripotent Stem Cells. 2013 , 197-218	
476	Effective cardiac myocyte differentiation of human induced pluripotent stem cells requires VEGF. 2013 , 8, e53764	53

(2013-2013)

475	Immunogenicity of in vitro maintained and matured populations: potential barriers to engraftment of human pluripotent stem cell derivatives. <i>Methods in Molecular Biology</i> , 2013 , 1029, 17-31		9
474	Emerging in vitro models for safety screening of high-volume production nanomaterials under environmentally relevant exposure conditions. 2013 , 9, 1504-20		21
473	Identification of unsafe human induced pluripotent stem cell lines using a robust surrogate assay for pluripotency. 2013 , 31, 1498-510		20
472	Cardiomyocytes from Human Embryonic Stem Cells. 2013,		
471	X chromosome inactivation and epigenetic responses to cellular reprogramming. 2013 , 14, 85-110		70
470	Characterization of pluripotent stem cells. 2013 , 8, 223-53		108
469	Workshop meeting report Organs-on-Chips: human disease models. 2013 , 13, 3449-70		68
468	TaqMan ^[] OpenArray ^[] high-throughput transcriptional analysis of human embryonic and induced pluripotent stem cells. <i>Methods in Molecular Biology</i> , 2013 , 997, 191-201		6
467	Enrichment of human corneal epithelial stem/progenitor cells by magnetic bead sorting using SSEA4 as a negative marker. <i>Methods in Molecular Biology</i> , 2013 , 1014, 71-7		4
466	Embryonic stem cells are redirected to non-tumorigenic epithelial cell fate by interaction with the mammary microenvironment. 2013 , 8, e62019		22
465	Defining synthetic surfaces for human pluripotent stem cell culture. 2013 , 2, 7		25
464	Prominin-1 (CD133): New Insights on Stem & Cancer Stem Cell Biology. 2013 ,		10
463	Immunologic and chemical targeting of the tight-junction protein Claudin-6 eliminates tumorigenic human pluripotent stem cells. <i>Nature Communications</i> , 2013 , 4, 1992	4	101
462	Multiparameter flow cytometry for the characterization of human embryonic stem cells. 2013 , 35, 55-65		2
461	Variable imprinting of the MEST gene in human preimplantation embryos. 2013, 21, 40-7		26
460	A novel feeder-free culture system for human pluripotent stem cell culture and induced pluripotent stem cell derivation. 2013 , 8, e76205		22
459	Isolation of small SSEA-4-positive putative stem cells from the ovarian surface epithelium of adult human ovaries by two different methods. 2013 , 2013, 690415		53
458	Characterization and Classification of Stem Cells. 2013 , 155-176		5

Enrichment and purging of human embryonic stem cells by detection of cell surface antigens using the monoclonal antibodies TG30 and GCTM-2. **2013**, 50856

456	Cancer stem cell markers in head and neck squamous cell carcinoma. 2013 , 2013, 319489	75
455	A plethora of human pluripotent stem cells. 2013 , 37, 875-87	9
454	In vitro epithelial differentiation of human induced pluripotent stem cells for vocal fold tissue engineering. 2013 , 122, 737-47	13
453	Production of a recombinant antibody specific for i blood group antigen, a mesenchymal stem cell marker. 2013 , 2, 336-45	4
452	A novel antibody for human induced pluripotent stem cells and embryonic stem cells recognizes a type of keratan sulfate lacking oversulfated structures. 2013 , 23, 322-36	50
451	Full factorial screening of human embryonic stem cell maintenance with multiplexed microbioreactor arrays. 2013 , 8, 822-34	22
450	A human embryonic stem cell line adapted for high throughput screening. 2013 , 110, 2706-16	8
449	Passaging techniques and ROCK inhibitor exert reversible effects on morphology and pluripotency marker gene expression of human embryonic stem cell lines. 2013 , 22, 1883-92	5
448	Advancing pluripotent stem cell culture: it is a matter of setting the standard. 2013 , 22, 1159-61	3
447	Optimized surface markers for the prospective isolation of high-quality hiPSCs using flow cytometry selection. 2013 , 3, 1179	38
446	Human Decidua-Derived Mesenchymal Cells Are a Promising Source for the Generation and Cell Banking of Human Induced Pluripotent Stem Cells. 2013 , 4, 125-47	7
445	Characterization of human pluripotent stem cells. 2013 , 24, 1031-4	4
444	Status of human germ cell differentiation from pluripotent stem cells. 2013 , 25, 396-404	2
443	Medical Biotechnology: Problems and Prospects in Bangladesh. 2013 , 3, 32-46	2
442	Human genes modulating primordial germ cell and gamete formation. 224-235	
441	Epigenetic consequences of somatic cell nuclear transfer and induced pluripotent stem cell reprogramming. 261-273	
440	Protein kinase C regulates human pluripotent stem cell self-renewal. 2013 , 8, e54122	50

439	Feeder-free generation and long-term culture of human induced pluripotent stem cells using pericellular matrix of decidua derived mesenchymal cells. 2013 , 8, e55226	18
438	STELLA facilitates differentiation of germ cell and endodermal lineages of human embryonic stem cells. 2013 , 8, e56893	39
437	Efficient and reproducible myogenic differentiation from human iPS cells: prospects for modeling Miyoshi Myopathy in vitro. 2013 , 8, e61540	150
436	Silencing BRE expression in human umbilical cord perivascular (HUCPV) progenitor cells accelerates osteogenic and chondrogenic differentiation. 2013 , 8, e67896	16
435	Nutrient supplemented serum-free medium increases cardiomyogenesis efficiency of human pluripotent stem cells. 2013 , 5, 86-97	5
434	Identification of CD24 as a cancer stem cell marker in human nasopharyngeal carcinoma. 2014 , 9, e99412	43
433	Gene networks of fully connected triads with complete auto-activation enable multistability and stepwise stochastic transitions. 2014 , 9, e102873	28
432	Metabolic profiling and flux analysis of MEL-2 human embryonic stem cells during exponential growth at physiological and atmospheric oxygen concentrations. 2014 , 9, e112757	35
431	Derivation of iPSCs after culture of human dental pulp cells under defined conditions. 2014 , 9, e115392	18
430	Getting it right before transplantation: example of a stem cell model with regenerative potential for the CNS. 2014 , 2, 36	8
429	Cellular reprogramming for understanding and treating human disease. 2014 , 2, 67	26
428	MicroRNAs: modulators of cell identity, and their applications in tissue engineering. 2014, 3, 45-53	36
427	An Introduction to Cellular Reprogramming: The Plasticity of Cell Fates and Identities. 2014, 103-139	
426	Stem Cells. 2014 , 23-65	1
425	Contribution of Mouse Embryonic Stem Cells and Induced Pluripotent Stem Cells to Chimeras through Injection and Coculture of Embryos. 2014 , 2014, 409021	10
424	Methylation and transcripts expression at the imprinted GNAS locus in human embryonic and induced pluripotent stem cells and their derivatives. 2014 , 3, 432-43	11
423	Expansive generation of functional airway epithelium from human embryonic stem cells. 2014 , 3, 7-17	25
422	Comprehensive quantitative comparison of the membrane proteome, phosphoproteome, and sialiome of human embryonic and neural stem cells. 2014 , 13, 311-28	52

421	High-density polymer microarrays: identifying synthetic polymers that control human embryonic stem cell growth. 2014 , 3, 848-53	24
420	The Challenge of Standardization in Stem Cell Research and Development. 2014 , 11-18	4
419	Translational Research Methods: Renal Stem Cells. 2014 , 1-48	
418	Success in Academic Surgery: Basic Science. 2014 ,	
417	Human adult stem cells from diverse origins: an overview from multiparametric immunophenotyping to clinical applications. 2014 , 85, 43-77	115
416	Potential of human fetal chorionic stem cells for the treatment of osteogenesis imperfecta. 2014 , 23, 262-76	29
415	A mesenchymal glioma stem cell profile is related to clinical outcome. 2014 , 3, e91	47
414	Mutation frequency dynamics in HPRT locus in culture-adapted human embryonic stem cells and induced pluripotent stem cells correspond to their differentiated counterparts. 2014 , 23, 2443-54	16
413	CRIPTO/GRP78 signaling maintains fetal and adult mammary stem cells ex vivo. 2014 , 2, 427-39	49
412	DNMT3B inhibits the re-expression of genes associated with induced pluripotency. 2014 , 321, 231-9	15
411	Stem Cells and Cancer Stem Cells, Volume 11. 2014 ,	
410	Advances in stem-cellgenerated transplantation therapy for Parkinson's disease. 2014 , 14, 437-53	13
409	Human pluripotent stem cell culture: considerations for maintenance, expansion, and therapeutics. 2014 , 14, 13-26	238
408	Comparable frequencies of coding mutations and loss of imprinting in human pluripotent cells derived by nuclear transfer and defined factors. 2014 , 15, 634-42	93
407	The Wistar legacy to embryonic stem cell research. 2014 , 33, 154-7	
406	Immunofluorescence Microscopy and mRNA Analysis of Human Embryonic Stem Cells (hESCs) Including Primary Cilia Associated Signaling Pathways. <i>Methods in Molecular Biology</i> , 2016 , 1307, 123-40 ^{1.4}	14
405	Ethics of iPSC-based clinical research for age-related macular degeneration: patient-centered risk-benefit analysis. 2014 , 10, 743-52	14
404	Concise review: animal substance-free human embryonic stem cells aiming at clinical applications. 2014 , 3, 1269-74	14

(2015-2014)

403	A quality-by-design approach to risk reduction and optimization for human embryonic stem cell cryopreservation processes. 2014 , 20, 941-50	15
402	Cleavage of E-cadherin and Etatenin by calpain affects Wnt signaling and spheroid formation in suspension cultures of human pluripotent stem cells. 2014 , 13, 990-1007	41
401	Improved retroviral episome transfer of transcription factors enables sustained cell fate modification. 2014 , 21, 938-49	12
400	Resetting transcription factor control circuitry toward ground-state pluripotency in human. 2014 , 158, 1254-1269	585
399	Continuous release of bFGF from multilayer nanofilm to maintain undifferentiated human iPS cell cultures. 2014 , 6, 1196-200	11
398	Induced pluripotency enables differentiation of human nullipotent embryonal carcinoma cells N2102Ep. 2014 , 1843, 2611-9	3
397	Glycobiology of the Nervous System. 2014 ,	7
396	Development of a high-yield technique to isolate spermatogonial stem cells from porcine testes. 2014 , 31, 983-91	18
395	Systematic identification of barriers to human iPSC generation. 2014 , 158, 449-461	70
394	Optimizing human embryonic stem cells differentiation efficiency by screening size-tunable homogenous embryoid bodies. 2014 , 35, 5987-97	35
393	Intracellular glycine receptor function facilitates glioma formation in vivo. 2014, 127, 3687-98	10
392	Alkaline phosphatase expression/activity and multilineage differentiation potential are the differences between fibroblasts and orbital fat-derived stem cellsa study in animal serum-free culture conditions. 2014 , 10, 697-711	17
391	How multi-organ microdevices can help foster drug development. 2014 , 69-70, 158-69	125
390	Modeling heart disease in a dish: from somatic cells to disease-relevant cardiomyocytes. 2014 , 24, 32-44	15
389	Factorial experimental design for the culture of human embryonic stem cells as aggregates in stirred suspension bioreactors reveals the potential for interaction effects between bioprocess parameters. 2014 , 20, 76-89	45
388	Culture environment regulates amino acid turnover and glucose utilisation in human ES cells. 2014 , 26, 703-16	7
387	Osteoinduction of umbilical cord and palate periosteum-derived mesenchymal stem cells on poly(lactic-co-glycolic) acid nanomicrofibers. 2014 , 72, S176-83	7
386	Isolation and Characterization of Human Embryonic Stem Cells and Future Applications in Tissue Engineering Therapies. 2015 , 1-25	

385	Partial somatic to stem cell transformations induced by cell-permeable reprogramming factors. 2014 , 4, 4361	24
384	Glycosyltransferase ST6GAL1 contributes to the regulation of pluripotency in human pluripotent stem cells. 2015 , 5, 13317	43
383	Clonal analysis of individual human embryonic stem cell differentiation patterns in microfluidic cultures. 2015 , 10, 1546-54	14
382	Prerequisite OCT4 Maintenance Potentiates the Neural Induction of Differentiating Human Embryonic Stem Cells and Induced Pluripotent Stem Cells. 2015 , 24, 829-44	15
381	Potential Factors for the Differentiation of ESCs/iPSCs Into Insulin-Producing Cells. 2015, 7, 83-93	6
380	[Internationalization, science and health: global regenerative medicine and the parallel markets]. 2015 , 20, 433-40	2
379	Outer brain barriers in rat and human development. 2015 , 9, 75	47
378	Autoregulation and heterogeneity in expression of human Cripto-1. 2015 , 10, e0116748	5
377	Increased risk of genetic and epigenetic instability in human embryonic stem cells associated with specific culture conditions. 2015 , 10, e0118307	97
376	BMP Inhibition in Seminomas Initiates Acquisition of Pluripotency via NODAL Signaling Resulting in Reprogramming to an Embryonal Carcinoma. 2015 , 11, e1005415	44
375	Variations in Glycogen Synthesis in Human Pluripotent Stem Cells with Altered Pluripotent States. 2015 , 10, e0142554	15
374	A Combination of Culture Conditions and Gene Expression Analysis Can Be Used to Investigate and Predict hES Cell Differentiation Potential towards Male Gonadal Cells. 2015 , 10, e0144029	11
373	The Role of ARX in Human Pancreatic Endocrine Specification. 2015 , 10, e0144100	23
372	Microfluidics: reframing biological enquiry. 2015 , 16, 554-67	211
371	Gene delivery in tissue engineering and regenerative medicine. 2015 , 103, 1679-99	18
370	Enabling consistency in pluripotent stem cell-derived products for research and development and clinical applications through material standards. 2015 , 4, 217-23	29
369	The role of dentin matrix protein 1 (DMP1) in regulation of osteogenic differentiation of rat dental follicle stem cells (DFSCs). 2015 , 60, 546-56	25
368	Biobanks for Induced Pluripotent Stem Cells and Reprogrammed Tissues. 2015 , 179-194	

(2015-2015)

367	Characterization of human neural differentiation from pluripotent stem cells using proteomics/PTMomicscurrent state-of-the-art and challenges. 2015 , 15, 656-74		8	
366	Rescue of an in vitro neuron phenotype identified in Niemann-Pick disease, type C1 induced pluripotent stem cell-derived neurons by modulating the WNT pathway and calcium signaling. 2015 , 4, 230-8		32	
365	Defined culture of human embryonic stem cells and xeno-free derivation of retinal pigmented epithelial cells on a novel, synthetic substrate. 2015 , 4, 165-77		45	
364	Development of a Monitoring Method for Nonlabeled Human Pluripotent Stem Cell Growth by Time-Lapse Image Analysis. 2015 , 4, 720-30		17	
363	A novel Lozenge gene in silkworm, Bombyx mori regulates the melanization response of hemolymph. 2015 , 53, 191-8		13	
362	A polyion complex sensor array for markerless and noninvasive identification of differentiated mesenchymal stem cells from human adipose tissue. 2015 , 6, 5831-5836		25	
361	Innate immune response of human pluripotent stem cell-derived airway epithelium. 2015 , 21, 504-11		3	
360	Distinct profiles of human embryonic stem cell metabolism and mitochondria identified by oxygen. 2015 , 150, 367-82		21	
359	Characterization of a Self-renewing and Multi-potent Cell Population Isolated from Human Minor Salivary Glands. 2015 , 5, 10106		19	
358	Cell therapy for liver diseases: current medicine and future promises. 2015 , 9, 837-50		1	
357	Current methods and challenges in the comprehensive characterization of human pluripotent stem cells. 2015 , 11, 357-72		10	
356	A Novel Probe as Surface Glycan Marker of Pluripotent Stem Cells: Research Outcomes and Application to Regenerative Medicine. 2015 , 4, 2520-9		6	
355	Human embryonic and induced pluripotent stem cell research trends: complementation and diversification of the field. 2015 , 4, 914-25		25	
354	Reinforcement of STAT3 activity reprogrammes human embryonic stem cells to naive-like pluripotency. <i>Nature Communications</i> , 2015 , 6, 7095	17.4	103	
353	Cellular Reprogramming Allows Generation of Autologous Hematopoietic Progenitors From AML Patients That Are Devoid of Patient-Specific Genomic Aberrations. 2015 , 33, 1839-49		11	
352	Induced pluripotent stem cells: applications in regenerative medicine, disease modeling, and drug discovery. 2015 , 3, 2		235	
351	Glycolipid Antigens in Neural Stem Cells. 2015 , 91-102		1	
350	Pig Induced Pluripotent Stem Cell-Derived Neural Rosettes Developmentally Mimic Human Pluripotent Stem Cell Neural Differentiation. 2015 , 24, 1901-11		7	

349	Points to consider in the development of seed stocks of pluripotent stem cells for clinical applications: International Stem Cell Banking Initiative (ISCBI). 2015 , 10, 1-44	77
348	Expression of Tight Junction Components in Hepatocyte-Like Cells Differentiated from Human Embryonic Stem Cells. 2015 , 21, 1059-70	7
347	Buffalo Embryonic, Fetal and Adult Stem Cells: Progress and Challenges. 2015 , 4, 7-20	1
346	Methods of Reprogramming to Induced Pluripotent Stem Cell Associated with Chromosomal Integrity and Delineation of a Chromosome 5q Candidate Region for Growth Advantage. 2015 , 24, 2032-40	14
345	Transcriptome Profiling Reveals Degree of Variability in Induced Pluripotent Stem Cell Lines: Impact for Human Disease Modeling. 2015 , 17, 327-37	19
344	Cyclin E1 plays a key role in balancing between totipotency and differentiation in human embryonic cells. 2015 , 21, 942-56	10
343	Effect of culture medium on propagation and phenotype of corneal stroma-derived stem cells. 2015 , 17, 1706-22	23
342	Utilizing induced pluripotent stem cells (iPSCs) to understand the actions of estrogens in human neurons. 2015 , 74, 228-42	14
341	Lineage-Specific Profiling Delineates the Emergence and Progression of Naive Pluripotency in Mammalian Embryogenesis. 2015 , 35, 366-82	253
340	Mesenchymal stem cells for chronic wounds therapy. 2015 , 16, 19-26	36
339	Oxygen modulates human embryonic stem cell metabolism in the absence of changes in self-renewal. 2016 , 28, 446-58	20
338	Embryonic Stem Cells: Keeping Track of the Pluripotent Status. 2016 ,	1
337	Establishment of Human Neural Progenitor Cells from Human Induced Pluripotent Stem Cells with Diverse Tissue Origins. 2016 , 2016, 7235757	14
336	Genomic Instability during Early Differentiation of Embryonic Stem Cells. 2016, 06,	1
335	Teratomas produced from human pluripotent stem cells xenografted into immunodeficient mice - a histopathology atlas. 2016 , 60, 337-419	26
334	A review of Rett syndrome (RTT) with induced pluripotent stem cells. 2016 , 3, 52	12
333	Metaboloepigenetic Regulation of Pluripotent Stem Cells. 2016 , 2016, 1816525	41
332	Human Embryonic Stem Cells: A Model for the Study of Neural Development and Neurological Diseases. 2016 , 2016, 2958210	26

331	Pluripotent Stem Cells: Current Understanding and Future Directions. 2016 , 2016, 9451492	60
330	Directing the Differentiation of Pluripotent Stem Cells to Renal End Points. 2016 , 473-490	
329	Induced Pluripotent Stem Cell Therapies for Cervical Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 530	28
328	Distinct Responses of Stem Cells to Telomere Uncapping-A Potential Strategy to Improve the Safety of Cell Therapy. 2016 , 34, 2471-2484	14
327	Umbilical cord blood-derived non-hematopoietic stem cells retrieved and expanded on bone marrow-derived extracellular matrix display pluripotent characteristics. 2016 , 7, 176	11
326	MicroRNA-302 switch to identify and eliminate undifferentiated human pluripotent stem cells. 2016 , 6, 32532	57
325	Amanitin Restrains Cancer Relapse from Drug-Tolerant Cell Subpopulations via TAF15. 2016 , 6, 25895	24
324	The dynamic changes of X chromosome inactivation during early culture of human embryonic stem cells. 2016 , 17, 84-92	8
323	Reprogramming cancer cells: overview & current progress. 2016 , 16, 941-51	8
322	White paper on guidelines concerning enteric nervous system stem cell therapy for enteric neuropathies. 2016 , 417, 229-51	77
321	Human Embryonic Stem Cells. 2016 , 27-49	1
320	Integrated Genomic Analysis of Diverse Induced Pluripotent Stem Cells from the Progenitor Cell Biology Consortium. 2016 , 7, 110-25	72
319	Innovation and Commercialisation of Induced Pluripotent Stem Cells. 2016, 423-446	
318	Stem cell culture processes. 2016 , 355-374	
317	Comparability of automated human induced pluripotent stem cell culture: a pilot study. 2016 , 39, 1847-1858	17
316	SSEA-4 and YKL-40 positive progenitor subtypes in the subventricular zone of developing human neocortex. 2016 , 64, 90-104	8
315	Pluripotent Stem Cells From Livestock. 2016 , 312-354	
314	Directed differentiation of human embryonic stem cells to corneal endothelial cell-like cells: A transcriptomic analysis. 2016 , 151, 107-14	43

313	Human serum-derived protein removes the need for coating in defined human pluripotent stem cell culture. <i>Nature Communications</i> , 2016 , 7, 12170	14
312	Progress in the research on the mechanism of bone metastasis in lung cancer. 2016 , 5, 227-235	10
311	Utilizing Regulatory Networks for Pluripotency Assessment in Stem Cells. 2016 , 2, 228-235	
310	Impact of Feeding Strategies on the Scalable Expansion of Human Pluripotent Stem Cells in Single-Use Stirred Tank Bioreactors. 2016 , 5, 1289-1301	90
309	Prediction of Differentiation Tendency Toward Hepatocytes from Gene Expression in Undifferentiated Human Pluripotent Stem Cells. 2016 , 25, 1884-1897	14
308	Ensuring the Quality of Stem Cell-Derived In Vitro Models for Toxicity Testing. 2016 , 856, 259-297	4
307	Parametric analysis of colony morphology of non-labelled live human pluripotent stem cells for cell quality control. 2016 , 6, 34009	43
306	Imprints and DPPA3 are bypassed during pluripotency- and differentiation-coupled methylation reprogramming in testicular germ cell tumors. 2016 , 26, 1490-1504	35
305	Bioanalytical system for detection of cancer cells with photoluminescent ZnO nanorods. 2016 , 27, 465101	18
304	Embryonic Stem Cells. 2016 , 447-486	
304	Embryonic Stem Cells. 2016, 447-486 Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016,	2
		2
303	Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016, Brief Report: Common Genetic Variation in Chromosome 10 q22.1 Shows a Strong Sex Bias in Human Embryonic Stem Cell Lines and Directly Controls the Novel Alternative Splicing of Human	
303	Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016, Brief Report: Common Genetic Variation in Chromosome 10 q22.1 Shows a Strong Sex Bias in Human Embryonic Stem Cell Lines and Directly Controls the Novel Alternative Splicing of Human NODAL which is Associated with XIST Expression in Female Cell Lines. 2016, 34, 791-6	7
303 302 301	Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016, Brief Report: Common Genetic Variation in Chromosome 10 q22.1 Shows a Strong Sex Bias in Human Embryonic Stem Cell Lines and Directly Controls the Novel Alternative Splicing of Human NODAL which is Associated with XIST Expression in Female Cell Lines. 2016, 34, 791-6 Characterization and Classification of Stem Cells. 2016, 1-25 Atomic force microscopy combined with human pluripotent stem cell derived cardiomyocytes for	7
303 302 301 300	Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016, Brief Report: Common Genetic Variation in Chromosome 10 q22.1 Shows a Strong Sex Bias in Human Embryonic Stem Cell Lines and Directly Controls the Novel Alternative Splicing of Human NODAL which is Associated with XIST Expression in Female Cell Lines. 2016, 34, 791-6 Characterization and Classification of Stem Cells. 2016, 1-25 Atomic force microscopy combined with human pluripotent stem cell derived cardiomyocytes for biomechanical sensing. 2016, 85, 751-757	7 3 42
303 302 301 300 299	Kinetic Measurement and Real Time Visualization of Somatic Reprogramming. 2016, Brief Report: Common Genetic Variation in Chromosome 10 q22.1 Shows a Strong Sex Bias in Human Embryonic Stem Cell Lines and Directly Controls the Novel Alternative Splicing of Human NODAL which is Associated with XIST Expression in Female Cell Lines. 2016, 34, 791-6 Characterization and Classification of Stem Cells. 2016, 1-25 Atomic force microscopy combined with human pluripotent stem cell derived cardiomyocytes for biomechanical sensing. 2016, 85, 751-757 Pluripotent stem cells in disease modelling and drug discovery. 2016, 17, 170-82 Cancer stem cell markers in pediatric sarcomas: Sox2 is associated with tumorigenicity in	7 3 42 399

295	Impaired adipogenic capacity in induced pluripotent stem cells from lipodystrophic patients with BSCL2 mutations. 2016 , 65, 543-56	22
294	Generative models: Human embryonic stem cells and multiple modeling relations. 2016 , 56, 122-34	4
293	Female human pluripotent stem cells rapidly lose X chromosome inactivation marks and progress to a skewed methylation pattern during culture. 2016 , 22, 285-98	13
292	Naive Pluripotent Stem Cells Derived Directly from Isolated Cells of the Human Inner Cell Mass. 2016 , 6, 437-446	220
291	Quantitative large scale gene expression profiling from human stem cell culture micro samples using multiplex pre-amplification. 2016 , 62, 84-91	3
290	Synthetically modified mRNA for efficient and fast human iPS cell generation and direct transdifferentiation to myoblasts. 2016 , 473, 743-51	26
289	Revisiting MSC expansion from critical quality attributes to critical culture process parameters. 2017 , 59, 231-243	23
288	Podocalyxin as a major pluripotent marker and novel keratan sulfate proteoglycan in human embryonic and induced pluripotent stem cells. 2017 , 34, 139-145	8
287	Biochemical and Cellular Analysis Reveals Ligand Binding Specificities, a Molecular Basis for Ligand Recognition, and Membrane Association-dependent Activities of Cripto-1 and Cryptic. 2017 , 292, 4138-4151	8
286	Differentiation-Defective Human Induced Pluripotent Stem Cells Reveal Strengths and Limitations of the Teratoma Assay and In Vitro Pluripotency Assays. 2017 , 8, 1340-1353	22
285	Large-Scale Analysis of Loss of Imprinting in Human Pluripotent Stem Cells. 2017, 19, 957-968	40
284	Multilayer Nanofilms via Inkjet Printing for Stabilizing Growth Factor and Designing Desired Cell Developments. 2017 , 6, 1700216	7
283	Human pluripotent stem cells recurrently acquire and expand dominant negative P53 mutations. Nature, 2017, 545, 229-233 50.4	270
282	Biomarkers of Human Pluripotent Stem Cell-Derived Cardiac Lineages. 2017 , 23, 651-668	16
281	Binding specificity of R-10G and TRA-1-60/81, and substrate specificity of keratanase II studied with chemically synthesized oligosaccharides. 2017 , 34, 789-795	12
280	DNA double-strand breaks in human induced pluripotent stem cell reprogramming and long-term in vitro culturing. 2017 , 8, 73	25
279	Comprehensive chromosome screening and gene expression analysis from the same biopsy in human preimplantation embryos. 2017 , 23, 330-338	2
278	Efficient production of trophoblast lineage cells from human induced pluripotent stem cells. 2017 , 97, 1188-1200	14

277	The cancer stem cell phenotype as a determinant factor of the heterotypic nature of breast tumors. 2017 , 113, 111-121	24
276	New Monoclonal Antibodies to Defined Cell Surface Proteins on Human Pluripotent Stem Cells. 2017 , 35, 626-640	14
275	Requirements for Using iPSC-Based Cell Models for Assay Development in Drug Discovery. 2018 , 163, 207-220	5
274	Podocalyxin as a major pluripotent marker and novel keratan sulfate proteoglycan in human embryonic and induced pluripotent stem cells. 2017 , 34, 817-823	6
273	Generation and Characterization of Functional Human Hypothalamic Neurons. 2017, 81, 3.33.1-3.33.24	7
272	An Efficient Method for Generation of Knockout Human Embryonic Stem Cells Using CRISPR/Cas9 System. 2017 , 26, 1521-1527	6
271	Regenerative Medicine: Advances from Developmental to Degenerative Diseases. 2017 , 1007, 225-239	3
270	Comparison of fractionation proteomics for local SWATH library building. 2017 , 17, 1700052	13
269	An ultra-effective method of generating extramultipotent cells from human fibroblasts by ultrasound. 2017 , 143, 65-78	8
268	OCT4 and SOX2 Work as Transcriptional Activators in Reprogramming Human Fibroblasts. 2017 , 20, 1585-1	59624
268 267	OCT4 and SOX2 Work as Transcriptional Activators in Reprogramming Human Fibroblasts. 2017 , 20, 1585-1 Characterization. 2017 , 99-129	59624
		596 24
267	Characterization. 2017 , 99-129 Rapid isolation and expansion of skin-derived precursor cells from human primary fibroblast	· ·
267 266	Characterization. 2017, 99-129 Rapid isolation and expansion of skin-derived precursor cells from human primary fibroblast cultures. 2017, 6, 1745-1755 Efficient Encapsulation and Sustained Release of Basic Fibroblast Growth Factor in Nanofilm:	10
267 266 265	Characterization. 2017, 99-129 Rapid isolation and expansion of skin-derived precursor cells from human primary fibroblast cultures. 2017, 6, 1745-1755 Efficient Encapsulation and Sustained Release of Basic Fibroblast Growth Factor in Nanofilm: Extension of the Feeding Cycle of Human Induced Pluripotent Stem Cell Culture. 2017, 9, 25087-25097	10
267 266 265 264	Characterization. 2017, 99-129 Rapid isolation and expansion of skin-derived precursor cells from human primary fibroblast cultures. 2017, 6, 1745-1755 Efficient Encapsulation and Sustained Release of Basic Fibroblast Growth Factor in Nanofilm: Extension of the Feeding Cycle of Human Induced Pluripotent Stem Cell Culture. 2017, 9, 25087-25097 Glycans define the stemness of nawe and primed pluripotent stem cells. 2017, 34, 737-747 Conductive hybrid matrigel layer to enhance electrochemical signals of human embryonic stem	10
267 266 265 264 263	Characterization. 2017, 99-129 Rapid isolation and expansion of skin-derived precursor cells from human primary fibroblast cultures. 2017, 6, 1745-1755 Efficient Encapsulation and Sustained Release of Basic Fibroblast Growth Factor in Nanofilm: Extension of the Feeding Cycle of Human Induced Pluripotent Stem Cell Culture. 2017, 9, 25087-25097 Glycans define the stemness of nawe and primed pluripotent stem cells. 2017, 34, 737-747 Conductive hybrid matrigel layer to enhance electrochemical signals of human embryonic stem cells. 2017, 242, 224-230 Generation and differentiation of induced pluripotent stem cells reveal ankylosing spondylitis risk	10 20 5 13

259	Single-cell mechanical phenotype is an intrinsic marker of reprogramming and differentiation along the mouse neural lineage. <i>Development (Cambridge)</i> , 2017 , 144, 4313-4321	6.6	21
258	Pluripotent Stem Cells to Model and Treat Huntington Disease. 2017,		1
257	Cancer stem cell surface markers on normal stem cells. 2017 , 50, 285-298		161
256	Intrapancreatic Parenchymal Injection of Cells as a Useful Tool for Allowing a Small Number of Proliferative Cells to Grow In Vivo. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	3
255	Pluripotent Stem Cell Metabolism and Mitochondria: Beyond ATP. 2017 , 2017, 2874283		54
254	5.8 Scaffold Materials for Human Embryonic Stem Cell Culture and Differentiation. 2017 , 129-153		О
253	Telomere heterogeneity linked to metabolism and pluripotency state revealed by simultaneous analysis of telomere length and RNA-seq in the same human embryonic stem cell. 2017 , 15, 114		13
252	Cancer cell-soluble factors reprogram mesenchymal stromal cells to slow cycling, chemoresistant cells with a more stem-like state. 2017 , 8, 254		22
251	Stem cells in regenerative medicine - from laboratory to clinical application - the eye. 2017 , 42, 173-180		8
250	Embryonic Stem Cells in Development and Regenerative Medicine. 2018 , 1079, 1-15		18
250 249	Embryonic Stem Cells in Development and Regenerative Medicine. 2018 , 1079, 1-15 Engineering and Application of Pluripotent Stem Cells. 2018 ,		18
			18
249	Engineering and Application of Pluripotent Stem Cells. 2018, Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent		
249 248	Engineering and Application of Pluripotent Stem Cells. 2018, Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent stem cells. 2018, 24, 162-175 Intact Cell Mass Spectrometry as a Quality Control Tool for Revealing Minute Phenotypic Changes	6.6	21
249 248 247	Engineering and Application of Pluripotent Stem Cells. 2018, Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent stem cells. 2018, 24, 162-175 Intact Cell Mass Spectrometry as a Quality Control Tool for Revealing Minute Phenotypic Changes of Cultured Human Embryonic Stem Cells. 2018, 7, 109-114 Light-focusing human micro-lenses generated from pluripotent stem cells model lens development	6.6	21
249 248 247 246	Engineering and Application of Pluripotent Stem Cells. 2018, Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent stem cells. 2018, 24, 162-175 Intact Cell Mass Spectrometry as a Quality Control Tool for Revealing Minute Phenotypic Changes of Cultured Human Embryonic Stem Cells. 2018, 7, 109-114 Light-focusing human micro-lenses generated from pluripotent stem cells model lens development and drug-induced cataract. <i>Development (Cambridge)</i> , 2018, 145,	6.6	21 3 30
249 248 247 246 245	Engineering and Application of Pluripotent Stem Cells. 2018, Genetic and epigenetic factors which modulate differentiation propensity in human pluripotent stem cells. 2018, 24, 162-175 Intact Cell Mass Spectrometry as a Quality Control Tool for Revealing Minute Phenotypic Changes of Cultured Human Embryonic Stem Cells. 2018, 7, 109-114 Light-focusing human micro-lenses generated from pluripotent stem cells model lens development and drug-induced cataract. <i>Development (Cambridge)</i> , 2018, 145, Keratan sulfate, a complex glycosaminoglycan with unique functional capability. 2018, 28, 182-206	6.6	21 3 30 105

241	Phase 1 clinical study of an embryonic stem cell-derived retinal pigment epithelium patch in age-related macular degeneration. <i>Nature Biotechnology</i> , 2018 , 36, 328-337	44.5	311
240	Stem Cells for Cancer and Genetic Disease Treatment. 2018 ,		1
239	Stem Cell Roles and Applications in Genetic Neurodegenerative Diseases. 2018, 129-147		2
238	Linking a cell-division gene and a suicide gene to define and improve cell therapy safety. <i>Nature</i> , 2018 , 563, 701-704	50.4	63
237	C-terminus of Hsc70-interacting protein (CHIP) enhances stemness properties of human Wharton's jelly mesenchymal stem cell. 2018 , 93, 632-639		2
236	Surface markers of human embryonic stem cells: a meta analysis of membrane proteomics reports. 2018 , 15, 911-922		4
235	Skeletal muscle-derived cell implantation for the treatment of sphincter-related faecal incontinence. 2018 , 9, 233		15
234	Inactivation of PLK4-STIL Module Prevents Self-Renewal and Triggers p53-Dependent Differentiation in Human Pluripotent Stem Cells. 2018 , 11, 959-972		5
233	Assessment of established techniques to determine developmental and malignant potential of human pluripotent stem cells. <i>Nature Communications</i> , 2018 , 9, 1925	17.4	45
232	Identification and Single-Cell Functional Characterization of an Endodermally Biased Pluripotent Substate in Human Embryonic Stem Cells. 2018 , 10, 1895-1907		18
231	Stem Cell Sources and Graft Material for Vascular Tissue Engineering. 2018, 14, 642-667		25
230	Low Cell-Matrix Adhesion Reveals Two Subtypes of Human Pluripotent Stem Cells. 2018 , 11, 142-156		24
229	Pluripotent Stem Cell Banks. 2018, 337-367		
228	Embryonic Stem Cells. 2018 , 1-51		O
227	A patient-specific induced pluripotent stem cell model for West syndrome caused by ST3GAL3 deficiency. 2018 , 26, 1773-1783		8
226	Using Human Induced Pluripotent Stem Cell-derived Hepatocyte-like Cells for Drug Discovery. 2018		4
225	Soluble Cripto-1 Induces Accumulation of Supernumerary Centrosomes and Formation of Aberrant Mitoses in Human Embryonic Stem Cells. 2018 , 27, 1077-1084		1
224	Leucine-Rich Repeat Neuronal Protein 1 Regulates Differentiation of Embryonic Stem Cells by Post-Translational Modifications of Pluripotency Factors. 2018 , 36, 1514-1524		12

223	Progress, obstacles, and limitations in the use of stem cells in organ-on-a-chip models. 2019 , 140, 3-11	48
222	Hybrid Composite Biomaterials. 2019 , 695-714	3
221	Decoding pluripotency: Genetic screens to interrogate the acquisition, maintenance, and exit of pluripotency. 2020 , 12, e1464	3
220	Comprehensive Cell Surface Antigen Analysis Identifies Transferrin Receptor Protein-1 (CD71) as a Negative Selection Marker for Human Neuronal Cells. 2019 , 37, 1293-1306	2
219	Expanded potential stem cell media as a tool to study human developmental hematopoiesis in vitro. 2019 , 76, 1-12.e5	4
218	A robust culture method for maintaining tumorigenic cancer stem cells in the hepatocellular carcinoma cell line Li-7. 2019 , 110, 1644-1652	1
217	High-content screen in human pluripotent cells identifies miRNA-regulated pathways controlling pluripotency and differentiation. 2019 , 10, 202	8
216	Chemically Defined Media Can Maintain Pig Pluripotency Network In Vitro. 2019 , 13, 221-234	22
215	Defining Human Pluripotency. 2019 , 25, 9-22	33
214	Adenomatous Polyposis Coli as a Major Regulator of Human Embryonic Stem Cells Self-Renewal. 2019 , 37, 1505-1515	2
213	HMGB2 is a negative regulator of telomerase activity in human embryonic stem and progenitor cells. 2019 , 33, 14307-14324	7
212	The Potential of Different Origin Stem Cells in Modulating Oral Bone Regeneration Processes. 2019 , 8,	14
211	Overview: an iPS cell stock at CiRA. 2019 , 39, 17	51
210	Characterization of dystroglycan binding in adhesion of human induced pluripotent stem cells to laminin-511 E8 fragment. 2019 , 9, 13037	6
209	Distinct Imprinting Signatures and Biased Differentiation of Human Androgenetic and Parthenogenetic Embryonic Stem Cells. 2019 , 25, 419-432.e9	14
208	Human Embryonic Stem Cells Acquire Responsiveness to TRAIL upon Exposure to Cisplatin. 2019 , 2019, 4279481	2
207	DeepNEU: cellular reprogramming comes of age - a machine learning platform with application to rare diseases research. 2019 , 14, 13	13
206	Dystrophin Deficiency Leads to Genomic Instability in Human Pluripotent Stem Cells via NO Synthase-Induced Oxidative Stress. 2019 , 8,	19

205	Stem Cell Therapy for Enteric Neuropathies. 2019 , 133-152		1
204	Establishment of porcine and human expanded potential stem cells. 2019 , 21, 687-699		127
203	Epigenetic aberrations in human pluripotent stem cells. 2019 , 38,		38
202	Clonal Isolation of Human Pluripotent Stem Cells on Nanofibrous Substrates Reveals an Advanced Subclone for Cardiomyocyte Differentiation. 2019 , 8, e1900165		1
201	SALL3 expression balance underlies lineage biases in human induced pluripotent stem cell differentiation. <i>Nature Communications</i> , 2019 , 10, 2175	4	8
200	Pluripotent Stem Cell Heterogeneity. 2019 , 1123, 71-94		17
199	Establishment and Characterization of 5-Fluorouracil-Resistant Human Colorectal Cancer Stem-Like Cells: Tumor Dynamics under Selection Pressure. <i>International Journal of Molecular Sciences</i> , 2019 , 20,		22
198	A Report from a Workshop of the International Stem Cell Banking Initiative, Held in Collaboration of Global Alliance for iPSC Therapies and the Harvard Stem Cell Institute, Boston, 2017. 2019 , 37, 1130-113	5	17
197	Bone Tissue Engineering in a Perfusion Bioreactor Using Dexamethasone-Loaded Peptide Hydrogel. 2019 , 12,		14
196	Media composition modulates human embryonic stem cell morphology and may influence preferential lineage differentiation potential. 2019 , 14, e0213678		4
195	The Role of RNA Polymerase II Contiguity and Long-Range Interactions in the Regulation of Gene Expression in Human Pluripotent Stem Cells. 2019 , 2019, 1375807		
194	Allele-specific RNA-seq expression profiling of imprinted genes in mouse isogenic pluripotent states. 2019 , 12, 14		6
193	Stem Cells: Concept, Properties, and Characterization. 2019 , 41-55		O
192	Ligase 3-mediated end-joining maintains genome stability of human embryonic stem cells. 2019 , 33, 6778-6	78	83
191	MicroRNAs shaping cellular reprogramming. 2019 , 75-97		1
190	DeepNEU: Artificially Induced Stem Cell (aiPSC) and Differentiated Skeletal Muscle Cell (aiSkMC) Simulations of Infantile Onset POMPE Disease (IOPD) for Potential Biomarker Identification and Drug Discovery. 2019 , 7, 325		6
189	Epigenetics and Human Assisted Reproduction. 2019 , 331-357		
188	Reprogrammed Cells Display Distinct Proteomic Signatures Associated with Colony Morphology Variability. 2019 , 2019, 8036035		1

(2020-2019)

187	Transcriptomically Guided Mesendoderm Induction of Human Pluripotent Stem Cells Using a Systematically Defined Culture Scheme. 2019 , 13, 1111-1125	2
186	The Origin of a New Progenitor Stem Cell Group in Human Development. 2019 , 230, 1-70	1
185	Arrayed functional genetic screenings in pluripotency reprogramming and differentiation. 2019 , 10, 24	1
184	Non-invasive electromechanical cell-based biosensors for improved investigation of 3D cardiac models. 2019 , 124-125, 129-135	34
183	The Origin of a New Progenitor Stem Cell Group in Human Development. 2019,	
182	Freshwater Cyanotoxin Cylindrospermopsin Has Detrimental Stage-specific Effects on Hepatic Differentiation From Human Embryonic Stem Cells. 2019 , 168, 241-251	4
181	Cell-based therapies in bone regeneration. 2020 , 217-250	
180	Simple differentiation method using FBS identifies DUSP6 as a marker for fine-tuning of FGF-ERK signaling activity in human pluripotent stem cells. 2020 , 521, 375-382	1
179	Deficiency in Embryonic Stem Cell Marker Reduced Expression 1 Activates Mitogen-Activated Protein Kinase Kinase 6-Dependent p38 Mitogen-Activated Protein Kinase Signaling to Drive Hepatocarcinogenesis. 2020 , 72, 183-197	11
178	Characterization of progenitor/stem cell population from human dental socket and their multidifferentiation potential. 2020 , 21, 31-46	6
177	The application of cell surface markers to demarcate distinct human pluripotent states. 2020 , 387, 111749	4
176	Generation and trapping of a mesoderm biased state of human pluripotency. <i>Nature Communications</i> , 2020 , 11, 4989	6
175	Profiling and quantification of pluripotency reprogramming reveal that WNT pathways and cell morphology have to be reprogramed extensively. 2020 , 6, e04035	4
174	Glycome profiling by lectin microarray reveals dynamic glycan alterations during epidermal stem cell aging. 2020 , 19, e13190	7
173	Application of the RBBP9 Serine Hydrolase Inhibitor, ML114, Decouples Human Pluripotent Stem Cell Proliferation and Differentiation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	1
172	Nonhistone Proteins HMGB1 and HMGB2 Differentially Modulate the Response of Human Embryonic Stem Cells and the Progenitor Cells to the Anticancer Drug Etoposide. 2020 , 10,	1
171	Colon adenocarcinoma-derived cells that express induced-pluripotent stem cell markers possess stem cell function. 2020 , 15, e0232934	4
170	Recent technological advancements in stem cell research for targeted therapeutics. 2020 , 10, 1147-1169	3

169	The Chromatin Regulator ZMYM2 Restricts Human Pluripotent Stem Cell Growth and Is Essential for Teratoma Formation. 2020 , 15, 1275-1286		3
168	DMD Pluripotent Stem Cell Derived Cardiac Cells Recapitulate Human Cardiac Pathophysiology. 2020 , 8, 535		10
167	STAT3 for Cardiac Regenerative Medicine: Involvement in Stem Cell Biology, Pathophysiology, and Bioengineering. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	3	8
166	Detecting TRA-1-60 in Cancer via a Novel Zr-89 Labeled ImmunoPET Imaging Agent. 2020 , 17, 1139-1147		1
165	Efficient Neural Differentiation using Single-Cell Culture of Human Embryonic Stem Cells. 2020,		4
164	Clinical-Grade Human Pluripotent Stem Cells for Cell Therapy: Characterization Strategy. International Journal of Molecular Sciences, 2020 , 21, 6.	3	16
163	Preclinical safety studies of human embryonic stem cell-derived retinal pigment epithelial cells for the treatment of age-related macular degeneration. 2020 , 9, 936-953		6
162	Pattern-recognition-based Sensor Arrays for Cell Characterization: From Materials and Data Analyses to Biomedical Applications. 2020 , 36, 923-934		6
161	Dermatan sulphate promotes neuronal differentiation in mouse and human stem cells. 2021 , 169, 55-64		6
160	A comprehensive library of human transcription factors for cell fate engineering. <i>Nature Biotechnology</i> , 2021 , 39, 510-519	1.5	40
160 159		1 ·5	40
	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from	1.5	
159	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from pluripotent stem cells. 2021 , 202, 108317 Understanding cell culture dynamics: a tool for defining protocol parameters for improved	4.5	4
159 158	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from pluripotent stem cells. 2021, 202, 108317 Understanding cell culture dynamics: a tool for defining protocol parameters for improved processes and efficient manufacturing using human embryonic stem cells. 2021, 12, 979-996 Combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic	4·5	3
159 158 157	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from pluripotent stem cells. 2021, 202, 108317 Understanding cell culture dynamics: a tool for defining protocol parameters for improved processes and efficient manufacturing using human embryonic stem cells. 2021, 12, 979-996 Combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic stem cells. 2020, 50, 102133 Why use pre-differentiated cells to address complex multi-factorial neurodegenerative diseases?.	4.5	3 3
159 158 157	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from pluripotent stem cells. 2021, 202, 108317 Understanding cell culture dynamics: a tool for defining protocol parameters for improved processes and efficient manufacturing using human embryonic stem cells. 2021, 12, 979-996 Combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic stem cells. 2020, 50, 102133 Why use pre-differentiated cells to address complex multi-factorial neurodegenerative diseases?. 2021, 16, 1413-1414 Single cell RNA-sequencing data generated from human pluripotent stem cell-derived lens	4.5	4 3 3
159 158 157 156	A simplified method for producing human lens epithelial cells and light-focusing micro-lenses from pluripotent stem cells. 2021, 202, 108317 Understanding cell culture dynamics: a tool for defining protocol parameters for improved processes and efficient manufacturing using human embryonic stem cells. 2021, 12, 979-996 Combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic stem cells. 2020, 50, 102133 Why use pre-differentiated cells to address complex multi-factorial neurodegenerative diseases?. 2021, 16, 1413-1414 Single cell RNA-sequencing data generated from human pluripotent stem cell-derived lens epithelial cells. 2021, 34, 106657	4.5	4 3 3 1

151	Sustained intrinsic WNT and BMP4 activation impairs hESC differentiation to definitive endoderm and drives the cells towards extra-embryonic mesoderm. 2021 , 11, 8242		2
150	CDR1as regulated by hnRNPM maintains stemness of periodontal ligament stem cells via miR-7/KLF4. 2021 , 25, 4501-4515		6
149	Agarose microgel culture delineates lumenogenesis in naive and primed human pluripotent stem cells. 2021 , 16, 1347-1362		1
148	The RNA helicases DDX5 and DDX17 facilitate neural differentiation of human pluripotent stem cells NTERA2.		O
147	Direct and Indirect Biomimetic Peptide Modification of Alginate: Efficiency, Side Reactions, and Cell Response. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
146	Using Big Data Analytics on Health Industry Development: The Empirical Intellectual Property Analysis from Stem Cell Therapy. 2021 ,		
145	Human stem cells Bources, sourcing and in vitro methods. 2021 , 9, 73-85		
144	STEM CELL TECHNOLOGY PROVIDES NOVEL TOOLS TO UNDERSTAND HUMAN VARIATION IN Plasmodium falciparum MALARIA.		O
143	Super-resolution microscopy of chromatin fibers and quantitative DNA methylation analysis of DNA fiber preparations. 2021 , 134,		O
142	Derivation and Molecular Characterization of a Morphological Subpopulation of Human iPSC Astrocytes Reveal a Potential Role in Schizophrenia and Clozapine Response. 2021 ,		4
141	Targeted mass spectrometry for monitoring of neural differentiation. 2021 , 10,		O
140	RNA sequencing and functional studies of patient-derived cells reveal that neurexin-1 and regulators of this pathway are associated with poor outcomes in Ewing sarcoma. 2021 , 44, 1065-1085		2
139	Mesenchymal adipose stem cells maintain the capacity for differentiation and survival in culture beyond the long term. 2021 , 44, 217-233		O
138	Dermatan-4Sulfotransferase-1 Contributes to the Undifferentiated State of Mouse Embryonic Stem Cells. 2021 , 9, 733964		1
137	Large-scale analysis of imprinting in naive human pluripotent stem cells reveals recurrent aberrations and a potential link to FGF signaling. 2021 , 16, 2520-2533		3
136	Torsional and translational vibrations of a eukaryotic nucleus, and the prospect of vibrational mechanotransduction and therapy. 2021 , 155, 104572		O
135	Prognostic significance of octamer-4 expression in primary lung adenocarcinoma. 2021 , 44, 425-426		
134	Both Hypoxia-Inducible Factor 1 and MAPK Signaling Pathway Attenuate PI3K/AKT via Suppression of Reactive Oxygen Species in Human Pluripotent Stem Cells. 2020 , 8, 607444		1

133	Glycans in stem cell regulation: from Drosophila tissue stem cells to mammalian pluripotent stem cells. 2018 , 592, 3773-3790	16
132	Use of Combinatorial Screening to Discover Protocols That Effectively Direct the Differentiation of Stem Cells. 2008 , 227-250	2
131	CD133(+) Cells for the Treatment of Degenerative Diseases: Update and Perspectives. 2013, 777, 229-43	4
130	Stem Cell Research and Banking: Towards Policy on Disclosing Research Results and Incidental Findings. 2014 , 29-40	1
129	Human germ cell differentiation from pluripotent embryonic stem cells and induced pluripotent stem cells. <i>Methods in Molecular Biology</i> , 2014 , 1154, 563-78	2
128	Glycolipid and glycoprotein expression during neural development. 2014 , 9, 185-222	13
127	Determinants of Pluripotency in Mouse and Human Embryonic Stem Cells. 2009 , 27-36	1
126	Human Embryonic Stem Cells: Their Nature, Properties, and Uses. 2009, 1-17	2
125	Plasticity Underlying Multipotent Tumor Stem Cells. 2009 , 99-112	1
124	Human Embryonic Stem Cells in Regenerative Medicine. 2011 , 17-38	4
123	The Significance of Culture Adaptation of Embryonic Stem Cells for Regenerative Medicine. 2012, 17-27	3
122	Keratan Sulphate in the Tumour Environment. 2020 , 1245, 39-66	2
121	Pluripotent Stem Cells: Sources and Characterization. 2011 , 69-82	0
120	Generating Pancreatic Endocrine Cells from Pluripotent Stem Cells. 2014 , 1-37	1
119	Past, Present, and Future of Affinity-based Cell Separation Technologies. 2020, 112, 29-51	21
118	Profiling of the reprogramome and quantification of fibroblast reprogramming to pluripotency.	1
117	Stem Cells in the Development of Products for Regenerative Medicine. 2012, 77-97	1
116	Embryonic porcine skin precursors can successfully develop into integrated skin without teratoma formation posttransplantation in nude mouse model. 2010 , 5, e8717	7

(2018-2010)

115	A teratocarcinoma-like human embryonic stem cell (hESC) line and four hESC lines reveal potentially oncogenic genomic changes. 2010 , 5, e10263	42
114	Telomeric NAP1L4 and OSBPL5 of the KCNQ1 cluster, and the DECORIN gene are not imprinted in human trophoblast stem cells. 2010 , 5, e11595	11
113	The ROCK inhibitor Y-27632 improves recovery of human embryonic stem cells after fluorescence-activated cell sorting with multiple cell surface markers. 2010 , 5, e12148	48
112	NANOG reporter cell lines generated by gene targeting in human embryonic stem cells. 2010 , 5, e12533	25
111	The LARGE principle of cellular reprogramming: lost, acquired and retained gene expression in foreskin and amniotic fluid-derived human iPS cells. 2010 , 5, e13703	56
110	Global expression of cell surface proteins in embryonic stem cells. 2010 , 5, e15795	30
109	Proteomic analyses reveal common promiscuous patterns of cell surface proteins on human embryonic stem cells and sperms. 2011 , 6, e19386	34
108	Ontological differences in first compared to third trimester human fetal placental chorionic stem cells. 2012 , 7, e43395	51
107	Morphologic and gene expression criteria for identifying human induced pluripotent stem cells. 2012 , 7, e48677	34
106	Power-laws and the use of pluripotent stem cell lines. 2013 , 8, e52068	6
105	Defining the genomic signature of totipotency and pluripotency during early human development. 2013 , 8, e62135	19
104	CD44 is a negative cell surface marker for pluripotent stem cell identification during human fibroblast reprogramming. 2014 , 9, e85419	38
103	V-myc immortalizes human neural stem cells in the absence of pluripotency-associated traits. 2015 , 10, e0118499	5
102	Human induced hepatic lineage-oriented stem cells: autonomous specification of human iPS cells toward hepatocyte-like cells without any exogenous differentiation factors. 2015 , 10, e0123193	19
101	Culture adaptation alters transcriptional hierarchies among single human embryonic stem cells reflecting altered patterns of differentiation. 2015 , 10, e0123467	15
	Multivariate Calibration Approach for Quantitative Determination of Cell-Line Cross Contamination	
100	by Intact Cell Mass Spectrometry and Artificial Neural Networks. 2016 , 11, e0147414	10
99		14

97	Physiological oxygen culture reveals retention of metabolic memory in human induced pluripotent stem cells. 2018 , 13, e0193949	6
96	Types of Stem Cells in Regenerative Medicine: A Review. 2014 , 1,	5
95	Derivation of new human embryonic stem cell lines (Yazd1-3) and their vitrification using Cryotech and Cryowin tools: A lab resources report. 2019 , 17, 891-906	3
94	The promise of human embryonic stem cells in aging-associated diseases. 2011 , 3, 494-508	30
93	The knockdown of H19lncRNA reveals its regulatory role in pluripotency and tumorigenesis of human embryonic carcinoma cells. 2015 , 6, 34691-703	20
92	Stem cells: An overview with respect to cardiovascular and renal disease. 2010 , 1, 43-52	15
91	Alkaline phosphatase-positive cells isolated from human hearts have mesenchymal stem cell characteristics. 2011 , 01, 71-80	9
90	Defining umbilical cord blood stem cells. 2012 , 02, 15-23	13
89	Predicting differentiation potential of human pluripotent stem cells: Possibilities and challenges. 2019 , 11, 375-382	14
88	Generation of a human embryonic stem cell line stably expressing high levels of the fluorescent protein mCherry. 2012 , 4, 71-9	10
87	Epigenetic modification of retinoic acid-treated human embryonic stem cells. 2010, 43, 830-5	22
86	Role of regeneration in tissue repairing and therapies. 2015 , 4, 1	5
85	Using Nanofiber Scaffolds for the Differentiation of Induced Pluripotent Stem Cells into Cardiomyocytes: The Latest Approaches in Tissue Engineering. 2021 , 69-102	1
84	The function of glycan structures expressed on embryonic stem cells. 2009 , 21, 207-218	
83	Embryonic Stem Cells and Pancreatic Differentiation. 2009 , 63-80	
82	Models of Trophoblast Development and Embryo Implantation Using Human Embryonic Stem Cells. 2009 , 187-199	
81	Models of Trophoblast Development and Embryo Implantation Using Human Embryonic Stem Cells. 2009 , 187-199	
80	Considerations in Design of Preclinical Safety Evaluation Programs to Support Human Cell-Based Therapies. 1	

(2014-2011)

79	The Role of Time-Lapse Microscopy in Stem Cell Research and Therapy. 2011 , 181-191
78	Researching and Obtaining Established Stem Cell Lines. 9-16
77	Human Embryonic Stem Cells. 2011 , 169-186
76	Stem Cells. 2011 , 331-354
75	Single-Cell Transcript Profiling of Differentiating Embryonic Stem Cells. 2011 , 445-463
74	Stem Cell Banks: Reality, Roles and Challenges. 2011 , 225-236
73	Modified Stem Cells as Disease Models and in Toxicology Screening. 227-250
72	Regenerative Medicine. 2012 , 178-187
71	Human Embryonic Stem Cells and Tissue Regeneration. 2012, 455-478
70	Human embryonic stem cells. 2012 , 380-395
69	Embryonic Stem Cells: Development and Characterization. 135-159
68	Derivation and Expansion of Human Pluripotent Stem Cells. 2012 , 1-18
67	Human Embryonic Stem Cells. 2013 , 177-196
66	Induced Pluripotent Stem Cells: Basics and the Application in Disease Model and Regenerative Medicine. 2013 , 147-168
65	hiPSCs: Reprogramming towards cell-based therapies. 2013 , 02, 61-73
64	Proliferation and Regeneration. 2013 , 31-52
63	Stem Cell Biology in the Craniofacial Apparatus. 79-92
62	Stem Cells: Are They Pertinent to My Research?. 2014 , 157-170

61	Self-Renewal of NaWe State Mouse Embryonic Stem Cells: Role of LacdiNAc in LIF/STAT3 Signaling. 2014 , 41-49
60	Fundamental Principles of a Stem Cell Biobank. 2014 , 151-166
59	Introduction. 2014 , 1-26
58	Advances in Stem Cell Research for Parkinson Disease. 2014 , 653-690
57	A Novel Antibody for Keratan Sulfate Expressed on Human iPS/ES Cells. 2014 , 1-8
56	Glycan Functions and Signals in Embryonic Stem Cells. 2014 , 1-8
55	Derivation of human embryonic stem cells (hESC). <i>Methods in Molecular Biology</i> , 2014 , 1154, 121-44 1.4
54	Generating Pancreatic Endocrine Cells from Pluripotent Stem Cells. 2015, 1335-1373
53	Characteristic Staining Patterns of Undifferentiated and Differentiated Pluripotent Stem Cells. 2015 , 131-148
52	Pol t icas internacionais em ciñcia e sade: a pesquisa celular e a medicina regenerativa. 2014 , 24, 851-870
51	Novel Antibody for Keratan Sulfate Expressed on Human iPS/ES Cells. 2015 , 1457-1464
50	Glycan Functions and Signals in Embryonic Stem Cells. 2015 , 1465-1473
49	References. 2015 , 225-236
48	Translational Research Methods: Renal Stem Cells. 2016 , 525-569
47	Cell Technologies. 2018 , 53-86
46	Comprehensive characterization of transcript diversity at the humanNODALlocus. 2
45	Transcriptomically-guided mesendoderm induction of human pluripotent stem cells using a systematically defined culture scheme.
44	Generation and Trapping of a Mesoderm Biased State of Human Pluripotency.

Constitutional activation of BMP4 and WNT signalling in hESC results in impaired mesendoderm differentiation.

42	Single cell heterogeneity in human pluripotent stem cells. 2021 , 54, 505-515	1
41	Neuronal cell-based medicines from pluripotent stem cells: Development, production, and preclinical assessment. 2021 , 10 Suppl 2, S31-S40	4
40	Embryonic Stem Cells. 2020 , 315-365	
39	Inherent genomic properties underlie the epigenomic heterogeneity of human induced pluripotent stem cells. 2021 , 37, 109909	0
38	Endogenous suppression of WNT signalling in human embryonic stem cells leads to low differentiation propensity towards definitive endoderm.	
37	Molecular basis of Mammalian embryonic stem cell pluripotency and self-renewal. 2010, 2, 30-46	6
36	Induced Pluripotent Stem Cells of Microtus levis x Microtus arvalis Vole Hybrids: Conditions Necessary for Their Generation and Self-Renewal. 2015 , 7, 56-69	3
35	Generation of induced pluripotent stem cells with high efficiency from human embryonic renal cortical cells. 2016 , 8, 4982-4993	1
34	Methionine affects the expression of pluripotency genes and protein levels associated with methionine metabolism in adult, fetal, and cancer stem cells. 2021 ,	O
33	Simultaneous high-efficiency base editing and reprogramming of patient fibroblasts. 2021,	1
32	Aminophylline Induces Two Types of Arrhythmic Events in Human Pluripotent Stem Cell-Derived Cardiomyocytes 2021 , 12, 789730	O
31	The RNA helicases DDX5 and DDX17 facilitate neural differentiation of human pluripotent stem cells NTERA2 2022 , 291, 120298	1
30	Single cell heterogeneity in human pluripotent stem cells. 2021 , 54, 505-515	
29	HSC and MIRNA regulation with implication for foetal haemoglobin induction in beta haemoglobinopathies 2022 ,	
28	Generation and Characterization of iPS Cells Derived from APECED Patients for Gene Correction 2022 , 13, 794327	O
27	Attenuated transcriptional response to pro-inflammatory cytokines in schizophrenia hiPSC-derived neural progenitor cells.	
26	Transcriptomic Analysis of Human Na🏻 and Primed Pluripotent Stem Cells. <i>Methods in Molecular Biology</i> , 2022 , 2416, 213-237	1.4

25 Data_Sheet_1.docx. 2020,

24	Video_1.AVI. 2020 ,		
23	Data_Sheet_1.pdf. 2019 ,		
22	An improved pipeline for reprogramming human induced pluripotent stem cells with TET1.		
21	Manufacturing clinical-grade human induced pluripotent stem cell-derived beta cells for diabetes treatment <i>Cell Proliferation</i> , 2022 , e13232	7.9	1
20	Preventing erosion of X-chromosome inactivation in human embryonic stem cells <i>Nature Communications</i> , 2022 , 13, 2516	17.4	2
19	Signal requirement for cortical potential of transplantable human neuroepithelial stem cells. <i>Nature Communications</i> , 2022 , 13,	17.4	1
18	hESC derived cardiomyocyte biosensor to detect the different types of arrhythmogenic properties of drugs. <i>Analytica Chimica Acta</i> , 2022 , 339959	6.6	
17	Physoxia Influences Global and Gene-Specific Methylation in Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5854	6.3	О
16	Spatial profiling of early primate gastrulation in utero. <i>Nature</i> ,	50.4	1
15	Attenuated transcriptional response to pro-inflammatory cytokines in schizophrenia hiPSC-derived neural progenitor cells. <i>Brain, Behavior, and Immunity</i> , 2022 ,	16.6	0
14	Lautting the Mustard with Induced Pluripotent Stem Cells: An Overview and Applications in Healthcare Paradigm. Stem Cell Reviews and Reports,	7.3	O
13	An integrated atlas of human placental development delineates essential regulators of trophoblast stem cells. <i>Development (Cambridge)</i> , 2022 , 149,	6.6	О
12	Quality criteria for in vitro human pluripotent stem cell-derived models of tissue-based cells. <i>Reproductive Toxicology</i> , 2022 , 112, 36-50	3.4	O
11	bESCs from cloned embryos do not retain transcriptomic or epigenetic memory from somatic donor cells. 2022 ,		1
10	Cryostorage of Mesenchymal Stem Cells and Biomedical Cell-Based Products. 2022 , 11, 2691		1
9	Capability of Human Dendritic Cells Pulsed with Autologous Induced Pluripotent Stem Cell Lysate to Induce Cytotoxic T Lymphocytes against HLA-A33-Matched Cancer Cells. 2022 , 23, 12992		0
8	iPSC culture. 2023 , 3-24		O

CITATION REPORT

7	Allele-specific gene editing approach for vision loss restoration in RHO-associated Retinitis Pigmentosa.	O
6	Novel strategy to improve hepatocyte differentiation stability through synchronized behavior-driven mechanical memory of iPSCs.	O
5	The Efficiency of Direct Maturation: the Comparison of Two hiPSC Differentiation Approaches into Motor Neurons. 2022 , 2022, 1-17	O
4	The consequences of recurrent genetic and epigenetic variants in human pluripotent stem cells. 2022 , 29, 1624-1636	O
3	FGF2-induced Redox Signaling: A Mechanism Regulating Pyruvate Dehydrogenase Driven Histone Acetylation and NANOG Upregulation.	O
2	Teratoma Assay for Testing Pluripotency and Malignancy of Stem Cells: Insufficient Reporting and Uptake of Animal-Free Methods Systematic Review. 2023 , 24, 3879	O
1	hPSC-derived sacral neural crest enables rescue in a severe model of Hirschsprung® disease. 2023 , 30, 264-282.e9	О