

Vasiliy Galat

List of Publications by Year in descending order

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33
papers

2,435
citations

430874

18
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

3907
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Changes in the Copy Number of Pluripotency and Cell Proliferation Genes in Human ESCs and iPSCs during Reprogramming and Time in Culture. <i>Cell Stem Cell</i> , 2011, 8, 106-118.	11.1	819
2	Recurrent Variations in DNA Methylation in Human Pluripotent Stem Cells and Their Differentiated Derivatives. <i>Cell Stem Cell</i> , 2012, 10, 620-634.	11.1	352
3	NK cell-based cancer immunotherapy: from basic biology to clinical development. <i>Journal of Hematology and Oncology</i> , 2021, 14, 7.	17.0	312
4	Human embryonic stem cell lines with genetic disorders. <i>Reproductive BioMedicine Online</i> , 2005, 10, 105-110.	2.4	214
5	Genome-wide quantitative assessment of variation in DNA methylation patterns. <i>Nucleic Acids Research</i> , 2011, 39, 4099-4108.	14.5	96
6	Chromatin-enriched lncRNAs can act as cell-type specific activators of proximal gene transcription. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 596-603.	8.2	70
7	Nuclear transfer for full karyotyping and preimplantation diagnosis for translocations. <i>Reproductive BioMedicine Online</i> , 2002, 5, 300-305.	2.4	64
8	Restricted ethnic diversity in human embryonic stem cell lines. <i>Nature Methods</i> , 2010, 7, 6-7.	19.0	56
9	Disruption of GRIN2B Impairs Differentiation in Human Neurons. <i>Stem Cell Reports</i> , 2018, 11, 183-196.	4.8	53
10	Isolation of Oct4-Expressing Extraembryonic Endoderm Precursor Cell Lines. <i>PLoS ONE</i> , 2009, 4, e7216.	2.5	50
11	Cancer hallmarks in induced pluripotent cells: New insights. <i>Journal of Cellular Physiology</i> , 2010, 225, 390-393.	4.1	39
12	Cytokine-free directed differentiation of human pluripotent stem cells efficiently produces hemogenic endothelium with lymphoid potential. <i>Stem Cell Research and Therapy</i> , 2017, 8, 67.	5.5	33
13	Developmental Potential of Rat Extraembryonic Stem Cells. <i>Stem Cells and Development</i> , 2009, 18, 1309-1318.	2.1	32
14	In vitro formation of tetraploid rat blastocysts after fusion of two-cell embryos. <i>Molecular Reproduction and Development</i> , 2002, 61, 460-465.	2.0	30
15	Onset of rosette formation during spontaneous neural differentiation of hESC and hiPSC colonies. <i>Gene</i> , 2014, 534, 400-407.	2.2	29
16	Two-phase chemically defined culture system for preimplantation rat embryos. <i>Genesis</i> , 2003, 36, 129-133.	1.6	25
17	Transgene Reactivation in Induced Pluripotent Stem Cell Derivatives and Reversion to Pluripotency of Induced Pluripotent Stem Cell-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2016, 25, 1060-1072.	2.1	23
18	Cytogenetic analysis of human somatic cell haploidization. <i>Reproductive BioMedicine Online</i> , 2005, 10, 199-204.	2.4	20

#	ARTICLE	IF	CITATIONS
19	Overcoming MIII Arrest from Spontaneous Activation in Cultured Rat Oocytes. Cloning and Stem Cells, 2007, 9, 303-314.	2.6	17
20	A Model of Early Human Embryonic Stem Cell Differentiation Reveals Inter- and Intracellular Changes on Transition to Squamous Epithelium. Stem Cells and Development, 2012, 21, 1250-1263.	2.1	16
21	Application of small molecule CHIR99021 leads to the loss of hemangioblast progenitor and increased hematopoiesis of human pluripotent stem cells. Experimental Hematology, 2018, 65, 38-48.e1.	0.4	14
22	Engineering Patient-Specific Valves Using Stem Cells Generated From Skin Biopsy Specimens. Annals of Thoracic Surgery, 2014, 98, 947-954.	1.3	13
23	Lefty Glycoproteins in Human Embryonic Stem Cells: Extracellular Delivery Route and Posttranslational Modification in Differentiation. Stem Cells and Development, 2016, 25, 1681-1690.	2.1	13
24	Threonine appears to be essential for proliferation of human as well as mouse embryonic stem cells. Frontiers in Cell and Developmental Biology, 2014, 2, 18.	3.7	9
25	The utility of stem cells in pediatric urinary bladder regeneration. Pediatric Research, 2018, 83, 258-266.	2.3	8
26	Lysine Deprivation during Maternal Consumption of Low-Protein Diets Could Adversely Affect Early Embryo Development and Health in Adulthood. International Journal of Environmental Research and Public Health, 2020, 17, 5462.	2.6	7
27	CRISPR editing of the GLI1 first intron abrogates GLI1 expression and differentially alters lineage commitment. Stem Cells, 2021, 39, 564-580.	3.2	6
28	iPSC-derived progenitor stromal cells provide new insights into aberrant musculoskeletal development and resistance to cancer in down syndrome. Scientific Reports, 2020, 10, 13252.	3.3	5
29	Production of Transgenic Rats. , 2002, , 235-250.		4
30	Down syndrome iPSC model: endothelial perspective on tumor development. Oncotarget, 2020, 11, 3387-3404.	1.8	4
31	Genome-wide quantitative assessment of variation in DNA methylation patterns. Nucleic Acids Research, 2013, 41, 7184-7184.	14.5	1
32	Production of Transgenic Rats. , 2014, , 251-273.		1
33	Cell engineering and genetic approaches to development of human embryonic stem cell models for genetic disorders. Biophysics (Russian Federation), 2010, 55, 425-428.	0.7	0