

Sergey L Kiselev

List of Publications by Year in descending order

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42
papers

1,608
citations

516561

16
h-index

302012

39
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44
all docs

44
docs citations

44
times ranked

2462
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening ethnically diverse human embryonic stem cells identifies a chromosome 20 minimal amplicon conferring growth advantage. <i>Nature Biotechnology</i> , 2011, 29, 1132-1144.	9.4	509
2	Autoantibodies to myelin basic protein catalyze site-specific degradation of their antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 281-286.	3.3	175
3	Manifestation of Huntingtonâ€™s disease pathology in human induced pluripotent stem cell-derived neurons. <i>Molecular Neurodegeneration</i> , 2016, 11, 27.	4.4	140
4	Role of Bcl-2 in the Brain-derived Neurotrophic Factor Survival Response. <i>European Journal of Neuroscience</i> , 1995, 7, 1266-1272.	1.2	85
5	Induction of pluripotency in human endothelial cells resets epigenetic profile on genome scale. <i>Cell Cycle</i> , 2010, 9, 937-946.	1.3	80
6	Peptidoglycan Recognition Protein Tag7 Forms a Cytotoxic Complex with Heat Shock Protein 70 in Solution and in Lymphocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 2117-2124.	1.6	69
7	Molecular Cloning and Characterization of the Mousetag7 Gene Encoding a Novel Cytokine. <i>Journal of Biological Chemistry</i> , 1998, 273, 18633-18639.	1.6	54
8	Human umbilical cord blood cells transfected with VEGF and L1CAM do not differentiate into neurons but transform into vascular endothelial cells and secrete neuro-trophic factors to support neuro-genesisâ€”a novel approach in stem cell therapy. <i>Neurochemistry International</i> , 2008, 53, 389-394.	1.9	54
9	Novel noncoding antisense RNA transcribed from human <i>anti-NOS2A</i> locus is differentially regulated during neuronal differentiation of embryonic stem cells. <i>Rna</i> , 2008, 14, 2030-2037.	1.6	46
10	Cancer/testis genes expression in human melanoma cell lines. <i>Melanoma Research</i> , 2008, 18, 303-313.	0.6	34
11	Error-prone nonhomologous end joining repair operates in human pluripotent stem cells during late G2. <i>Aging</i> , 2011, 3, 584-596.	1.4	33
12	An integrative analysis of reprogramming in human isogenic system identified a clone selection criterion. <i>Cell Cycle</i> , 2016, 15, 986-997.	1.3	32
13	Phase I/II trial of gene therapy with autologous tumor cells modified with tag7/PGRP-S gene in patients with disseminated solid tumors. <i>Annals of Oncology</i> , 2005, 16, 162-168.	0.6	24
14	The Differentially Spliced Mouse tagL Gene, Homolog of tag7/PGRP Gene Family in Mammals and Drosophila, can Recognize Gram-positive and Gram-negative Bacterial Cell Wall Independently of T Phage Lysozyme Homology Domain. <i>Journal of Molecular Biology</i> , 2003, 326, 467-474.	2.0	23
15	Patient-Specific iPSC-Based Models of Huntingtonâ€™s Disease as a Tool to Study Store-Operated Calcium Entry Drug Targeting. <i>Frontiers in Pharmacology</i> , 2018, 9, 696.	1.6	21
16	Cerd4, third member of the d4 gene family: expression and organization of genomic locus. <i>Mammalian Genome</i> , 2001, 12, 862-866.	1.0	17
17	Locally Delivered Umbilical Cord Mesenchymal Stromal Cells Reduce Chronic Inflammation in Long-Term Nonhealing Wounds: A Randomized Study. <i>Stem Cells International</i> , 2020, 2020, 1-11.	1.2	16
18	A minisatellite â€œcoreâ€œ element constitutes a novel, chromatin-specific activator of mts1 gene transcription. <i>Journal of Molecular Biology</i> , 1998, 280, 227-236.	2.0	15

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19	Spatial manipulation of magnetically-responsive nanoparticle engineered human neuronal progenitor cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 20, 102038.	1.7	15
20	Mammalian peptidoglycan recognition protein TagL inhibits <i>Listeria monocytogenes</i> invasion into epithelial cells. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 284-290.	2.7	14
21	Reactivation of $\Delta\psi$ chromosome upon reprogramming leads to changes in the replication pattern and 5hmC accumulation. <i>Chromosoma</i> , 2014, 123, 117-128.	1.0	14
22	Resistance to tumor necrosis factor induced apoptosis in vitro correlates with high metastatic capacity of cells in vivo. <i>Immunology Letters</i> , 1999, 67, 71-76.	1.1	12
23	The Rab5 effector Rabaptin-5 and its isoform Rabaptin-5 $\hat{1}$ differ in their ability to interact with the small GTPase Rab4. <i>FEBS Journal</i> , 2004, 272, 37-46.	2.2	12
24	Equilibrium among Inflammatory Factors Determines Human MSC-Mediated Immunosuppressive Effect. <i>Cells</i> , 2022, 11, 1210.	1.8	12
25	Multiple Rabaptin-5-like transcripts. <i>Gene</i> , 2002, 292, 191-197.	1.0	11
26	Current Progress and Potential Practical Application for Human Pluripotent Stem Cells. <i>International Review of Cell and Molecular Biology</i> , 2011, 292, 153-196.	1.6	10
27	Sensitivity of human embryonic and induced pluripotent stem cells to a topoisomerase II poison etoposide. <i>Cell Cycle</i> , 2011, 10, 2035-2037.	1.3	10
28	<i>Agrobacterium tumefaciens</i> -Induced Bacteraemia Does Not Lead to Reporter Gene Expression in Mouse Organs. <i>PLoS ONE</i> , 2008, 3, e2352.	1.1	8
29	Cloning and developmental expression of MARK/Par-1/MELK-related protein kinase xMAK-V in <i>Xenopus laevis</i> . <i>Development Genes and Evolution</i> , 2004, 214, 139-143.	0.4	7
30	Apoptotic Cleavage of Rabaptin-5-like Proteins and a Model for Rabaptin-5 Inactivation in Apoptosis. <i>Cell Cycle</i> , 2006, 5, 1854-1858.	1.3	7
31	Interaction of the S100A4 (Mts1) protein with septins Sept2, Sept6, and Sept7 in vitro. <i>Doklady Biochemistry and Biophysics</i> , 2003, 391, 195-197.	0.3	6
32	Subcellular localization of MAK-V/Hunk protein kinase expressed in COS-1 cells. <i>Cell Biology International</i> , 2004, 28, 49-56.	1.4	6
33	Characteristics of human bone marrow mesenchymal stem cells isolated by immunomagnetic selection. <i>Bulletin of Experimental Biology and Medicine</i> , 2006, 141, 112-116.	0.3	6
34	Pro-survival activity of the MAK-V protein kinase in PC12 cells. <i>Cell Cycle</i> , 2010, 9, 4248-4249.	1.3	6
35	Use of Human VEGF165 Gene for Therapeutic Angiogenesis in Coronary Patients: First Results. <i>Bulletin of Experimental Biology and Medicine</i> , 2005, 140, 106-112.	0.3	5
36	The morphofunctional properties of induced pluripotent stem cells derived from human skin fibroblasts and differentiated to dopaminergic neurons. <i>Neurochemical Journal</i> , 2013, 7, 207-214.	0.2	5

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37	Epigenetic reprogramming by naïve conditions establishes an irreversible state of partial X chromosome reactivation in female stem cells. <i>Oncotarget</i> , 2018, 9, 25136-25147.	0.8	5
38	Phosphorylation of MAK-V protein kinase in mammalian cells. <i>Doklady Biochemistry and Biophysics</i> , 2007, 412, 37-39.	0.3	3
39	Generation of an induced pluripotent stem cell line MNDINSi001-A from a patient with neonatal diabetes caused by a heterozygous INS mutation. <i>Stem Cell Research</i> , 2020, 47, 101929.	0.3	3
40	The prospect of pluripotent stem cells for diabetes mellitus treatment. <i>World Journal of Personalized Medicine</i> , 2017, 1, 13-17.	0.3	2
41	Generation of an induced pluripotent stem cell line HPCASRi002-A from a patient with neonatal severe primary hyperparathyroidism caused by a compound heterozygous mutation in the CASR gene. <i>Stem Cell Research</i> , 2021, 54, 102414.	0.3	1
42	Identification of mechanisms leading to blood-brain barrier dysfunction in Parkinson's disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-124.	0.0	0