

Sanjeev Khosla

List of Publications by Year in descending order

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34
papers

2,034
citations

304368

22
h-index

395343

33
g-index

35
all docs

35
docs citations

35
times ranked

2251
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture of Preimplantation Mouse Embryos Affects Fetal Development and the Expression of Imprinted Genes. <i>Biology of Reproduction</i> , 2001, 64, 918-926.	1.2	532
2	Culture of preimplantation embryos and its long-term effects on gene expression and phenotype. <i>Human Reproduction Update</i> , 2001, 7, 419-427.	5.2	228
3	Mycobacteria modulate host epigenetic machinery by Rv1988 methylation of a non-tail arginine of histone H3. <i>Nature Communications</i> , 2015, 6, 8922.	5.8	138
4	DNA Methylation Is Linked to Deacetylation of Histone H3, but Not H4, on the Imprinted Genes <i>Snrpn</i> and <i>U2af1-rs1</i> . <i>Molecular and Cellular Biology</i> , 2001, 21, 5426-5436.	1.1	130
5	The interaction of mycobacterial protein Rv2966c with host chromatin is mediated through non-CpG methylation and histone H3/H4 binding. <i>Nucleic Acids Research</i> , 2015, 43, 3922-3937.	6.5	91
6	Parental Allele-Specific Chromatin Configuration in a Boundary-Imprinting-Control Element Upstream of the Mouse <i>H19</i> Gene. <i>Molecular and Cellular Biology</i> , 1999, 19, 2556-2566.	1.1	87
7	The DNA methyltransferase <i>Dnmt2</i> participates in RNA processing during cellular stress. <i>Epigenetics</i> , 2011, 6, 103-113.	1.3	66
8	Genomic imprinting in ruminants: allele-specific gene expression in parthenogenetic sheep. <i>Mammalian Genome</i> , 1998, 9, 831-834.	1.0	64
9	A novel nucleoid-associated protein of <i>Mycobacterium tuberculosis</i> is a sequence homolog of GroEL. <i>Nucleic Acids Research</i> , 2009, 37, 4944-4954.	6.5	60
10	Genome-wide non-CpG methylation of the host genome during <i>M. tuberculosis</i> infection. <i>Scientific Reports</i> , 2016, 6, 25006.	1.6	57
11	Genomic imprinting in the mealybugs. <i>Cytogenetic and Genome Research</i> , 2006, 113, 41-52.	0.6	56
12	Imprinted Expression of Neuronatin from Modified BAC Transgenes Reveals Regulation by Distinct and Distant Enhancers. <i>Developmental Biology</i> , 2001, 236, 387-399.	0.9	55
13	Increased expression of SIRT2 is a novel marker of cellular senescence and is dependent on wild type p53 status. <i>Cell Cycle</i> , 2016, 15, 1883-1897.	1.3	52
14	Cytosine methylation by DNMT2 facilitates stability and survival of HIV-1 RNA in the host cell during infection. <i>Biochemical Journal</i> , 2017, 474, 2009-2026.	1.7	51
15	DNA Methylation Profile at the DNMT3L Promoter: A Potential Biomarker for Cervical Cancer. <i>Epigenetics</i> , 2007, 2, 80-85.	1.3	45
16	DNA Methylation and Cancer. <i>Sub-Cellular Biochemistry</i> , 2013, 61, 597-625.	1.0	38
17	Histone methyltransferase <i>SUV39H1</i> participates in host defense by methylating mycobacterial histone-like protein HupB. <i>EMBO Journal</i> , 2018, 37, 183-200.	3.5	33
18	Inhibition of Histone Deacetylases Alters Allelic Chromatin Conformation at the Imprinted <i>U2af1-rs1</i> Locus in Mouse Embryonic Stem Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 11728-11734.	1.6	32

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19	Learning epigenetic regulation from mycobacteria. <i>Microbial Cell</i> , 2016, 3, 92-94.	1.4	29
20	Role of genomic imprinting in mammalian development. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	28
21	A male-specific nuclease-resistant chromatin fraction in the mealybug <i>Planococcus lilacinus</i> . <i>Chromosoma</i> , 1996, 104, 386-392.	1.0	24
22	Reprogramming of HeLa cells upon <i>DNMT3L</i> overexpression mimics carcinogenesis. <i>Epigenetics</i> , 2009, 4, 322-329.	1.3	24
23	Epigenetic profile of the euchromatic region of human Y chromosome. <i>Nucleic Acids Research</i> , 2011, 39, 3594-3606.	6.5	19
24	Hypomethylation of the <i>DNMT3L</i> Promoter in Ocular Surface Squamous Neoplasia. <i>Archives of Pathology and Laboratory Medicine</i> , 2010, 134, 1193-1196.	1.2	16
25	The CpG Island Encompassing the Promoter and First Exon of Human <i>DNMT3L</i> Gene Is a PcG/TrX Response Element (PRE). <i>PLoS ONE</i> , 2014, 9, e93561.	1.1	15
26	Characterization of hepatic progenitors from human fetal liver using CD34 as a hepatic progenitor marker. <i>World Journal of Gastroenterology</i> , 2007, 13, 2319.	1.4	14
27	Differentially regulated gene expression in quiescence versus senescence and identification of <i>ARID5A</i> as a quiescence associated marker. <i>Journal of Cellular Physiology</i> , 2018, 233, 3695-3712.	2.0	9
28	The putative <i>Neuronatin</i> imprint control region is an enhancer that also regulates the <i>Blcap</i> gene. <i>Epigenomics</i> , 2019, 11, 251-266.	1.0	9
29	An intronic DNA sequence within the mouse <i>Neuronatin</i> gene exhibits biochemical characteristics of an ICR and acts as a transcriptional activator in <i>Drosophila</i> . <i>Mechanisms of Development</i> , 2008, 125, 963-973.	1.7	8
30	Detection of SARS-CoV-2 in the air in Indian hospitals and houses of COVID-19 patients. <i>Journal of Aerosol Science</i> , 2022, 164, 106002.	1.8	8
31	<i>DNMT3L</i> enables accumulation and inheritance of epimutations in transgenic <i>Drosophila</i> . <i>Scientific Reports</i> , 2016, 6, 19572.	1.6	7
32	Epigenetic interaction of microbes with their mammalian hosts. <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	5
33	Biochemical and dynamic basis for combinatorial recognition of H3R2K9me2 by dual domains of UHRF1. <i>Biochimie</i> , 2018, 149, 105-114.	1.3	4
34	Epigenetic interaction of microbes with their mammalian hosts. <i>Journal of Biosciences</i> , 2021, 46, .	0.5	0