

Juan Sandoval

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

5,853
citations

109321

35
h-index

85541

71
g-index

72
all docs

72
docs citations

72
times ranked

11595
citing authors

#	ARTICLE	IF	CITATIONS
1	Methods for analysis of specific DNA methylation status. <i>Methods</i> , 2021, 187, 3-12.	3.8	36
2	Oxidative Stress in the Pathogenesis of Crohn's Disease and the Interconnection with Immunological Response, Microbiota, External Environmental Factors, and Epigenetics. <i>Antioxidants</i> , 2021, 10, 64.	5.1	41
3	Cancer Epigenetic Biomarkers in Liquid Biopsy for High Incidence Malignancies. <i>Cancers</i> , 2021, 13, 3016.	3.7	38
4	Disruption of NIPBL/Scp2 in Cornelia de Lange Syndrome provokes cohesin genome-wide redistribution with an impact in the transcriptome. <i>Nature Communications</i> , 2021, 12, 4551.	12.8	20
5	Epigenetic Regulation of microRNAs in Cancer: Shortening the Distance from Bench to Bedside. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7350.	4.1	38
6	Epigenetic Silencing of Tumor Suppressor miR-124 Directly Supports STAT3 Activation in Cutaneous T-Cell Lymphoma. <i>Cells</i> , 2020, 9, 2692.	4.1	5
7	MethCORR modelling of methylomes from formalin-fixed paraffin-embedded tissue enables characterization and prognostication of colorectal cancer. <i>Nature Communications</i> , 2020, 11, 2025.	12.8	5
8	ZNF577 Methylation Levels in Leukocytes From Women With Breast Cancer Is Modulated by Adiposity, Menopausal State, and the Mediterranean Diet. <i>Frontiers in Endocrinology</i> , 2020, 11, 245.	3.5	14
9	Analysis of copy number alterations reveals the lncRNA ALAL-1 as a regulator of lung cancer immune evasion. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	36
10	Identification of a novel synthetic lethal vulnerability in non-small cell lung cancer by co-targeting TMRSS4 and DDR1. <i>Scientific Reports</i> , 2019, 9, 15400.	3.3	13
11	A two-gene epigenetic signature for the prediction of response to neoadjuvant chemotherapy in triple-negative breast cancer patients. <i>Clinical Epigenetics</i> , 2019, 11, 33.	4.1	39
12	Genome wide DNA methylation profiling identifies specific epigenetic features in high-risk cutaneous squamous cell carcinoma. <i>PLoS ONE</i> , 2019, 14, e0223341.	2.5	32
13	Identification of Epigenetic Methylation Signatures With Clinical Value in Crohn's Disease. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00083.	2.5	22
14	Identification of an epigenetic signature of human colorectal cancer associated with obesity by genome-wide DNA methylation analysis. <i>International Journal of Obesity</i> , 2019, 43, 176-188.	3.4	42
15	Epigenomic signature of adrenoleukodystrophy predicts compromised oligodendrocyte differentiation. <i>Brain Pathology</i> , 2018, 28, 902-919.	4.1	21
16	ASB1 differential methylation in ischaemic cardiomyopathy: relationship with left ventricular performance in end-stage heart failure patients. <i>ESC Heart Failure</i> , 2018, 5, 732-737.	3.1	13
17	An Epigenetic Signature in Adipose Tissue Is Linked to Nicotinamide Methyltransferase Gene Expression. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1700933.	3.3	26
18	CD137 (4-1BB) Costimulation Modifies DNA Methylation in CD8+ T Cell-Relevant Genes. <i>Cancer Immunology Research</i> , 2018, 6, 69-78.	3.4	34

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19	The Oxygen Load Supplied during Delivery Room Stabilization of Preterm Infants Modifies the DNA Methylation Profile. <i>Journal of Pediatrics</i> , 2018, 202, 70-76.e2.	1.8	23
20	Label-free DNA-methylation detection by direct ds-DNA fragment screening using poly-purine hairpins. <i>Biosensors and Bioelectronics</i> , 2018, 120, 47-54.	10.1	34
21	Whole genome grey and white matter DNA methylation profiles in dorsolateral prefrontal cortex. <i>Synapse</i> , 2017, 71, e21959.	1.2	13
22	Molecular-Subtype-Specific Biomarkers Improve Prediction of Prognosis in Colorectal Cancer. <i>Cell Reports</i> , 2017, 19, 1268-1280.	6.4	79
23	Obesity and menopause modify the epigenomic profile of breast cancer. <i>Endocrine-Related Cancer</i> , 2017, 24, 351-363.	3.1	35
24	Thyroid hormone biosynthesis machinery is altered in the ischemic myocardium: An epigenomic study. <i>International Journal of Cardiology</i> , 2017, 243, 27-33.	1.7	17
25	Translating cancer epigenomics into the clinic: focus on lung cancer. <i>Translational Research</i> , 2017, 189, 76-92.	5.0	40
26	Epigenetics and Oxidative Stress in Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-8.	4.0	129
27	Epigenetic Regulation of Early- and Late-Response Genes in Acute Pancreatitis. <i>Journal of Immunology</i> , 2016, 197, 4137-4150.	0.8	28
28	Epigenetic inactivation of the p53-induced long noncoding RNA TP53 target 1 in human cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7535-E7544.	7.1	140
29	MiR-204 silencing in intraepithelial to invasive cutaneous squamous cell carcinoma progression. <i>Molecular Cancer</i> , 2016, 15, 53.	19.2	48
30	A Novel Epigenetic Signature for Early Diagnosis in Lung Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 3361-3371.	7.0	113
31	Epigenetic alterations leading to TMPRSS4 promoter hypomethylation and protein overexpression predict poor prognosis in squamous lung cancer patients. <i>Oncotarget</i> , 2016, 7, 22752-22769.	1.8	29
32	Identification of HERC5 and its potential role in NSCLC progression. <i>International Journal of Cancer</i> , 2015, 136, 2264-2272.	5.1	23
33	Notch1 Pathway Activation Results from the Epigenetic Abrogation of Notch-Related MicroRNAs in Mycosis Fungoides. <i>Journal of Investigative Dermatology</i> , 2015, 135, 3144-3152.	0.7	31
34	A DNA methylation-based definition of biologically distinct breast cancer subtypes. <i>Molecular Oncology</i> , 2015, 9, 555-568.	4.6	156
35	MicroRNA Expression Profiling and DNA Methylation Signature for Deregulated MicroRNA in Cutaneous T-Cell Lymphoma. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1128-1137.	0.7	87
36	A DERL3-associated defect in the degradation of SLC2A1 mediates the Warburg effect. <i>Nature Communications</i> , 2014, 5, 3608.	12.8	94

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37	Epigenetic Regulation of Vitamin D Metabolism in Human Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2014, 9, 473-482.	1.1	28
38	Putative cis-regulatory drivers in colorectal cancer. <i>Nature</i> , 2014, 512, 87-90.	27.8	136
39	A Prognostic DNA Methylation Signature for Stage I Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2013, 31, 4140-4147.	1.6	250
40	Primary cutaneous marginal zone B-cell lymphoma: Response to treatment and disease-free survival in a series of 137 patients. <i>Journal of the American Academy of Dermatology</i> , 2013, 69, 357-365.	1.2	76
41	Genome-wide DNA methylation profiling predicts relapse in childhood B-cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2013, 160, 406-409.	2.5	33
42	Dysregulation of the long non-coding RNA transcriptome in a Rett syndrome mouse model. <i>RNA Biology</i> , 2013, 10, 1197-1203.	3.1	77
43	Epigenetic biomarkers in laboratory diagnostics: emerging approaches and opportunities. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 457-471.	3.1	54
44	DNA methylation contributes to natural human variation. <i>Genome Research</i> , 2013, 23, 1363-1372.	5.5	353
45	Non-CpG island promoter hypomethylation and miR-149 regulate the expression of <i>SRPX2</i> in colorectal cancer. <i>International Journal of Cancer</i> , 2013, 132, 2303-2315.	5.1	68
46	DNA methylation profiling in breast cancer discordant identical twins identifies DOK7 as novel epigenetic biomarker. <i>Carcinogenesis</i> , 2013, 34, 102-108.	2.8	135
47	Whole-genome bisulfite DNA sequencing of a DNMT3B mutant patient. <i>Epigenetics</i> , 2012, 7, 542-550.	2.7	68
48	Cancer epigenomics: beyond genomics. <i>Current Opinion in Genetics and Development</i> , 2012, 22, 50-55.	3.3	421
49	Oxidative and nitrosative stress in acute pancreatitis. Modulation by pentoxifylline and oxypurinol. <i>Biochemical Pharmacology</i> , 2012, 83, 122-130.	4.4	38
50	An integrated approach to design novel therapeutic interventions for demyelinating disorders. <i>European Journal of Neuroscience</i> , 2012, 35, 1879-1886.	2.6	22
51	Novel Insights into DNA Methylation Features in Spermatozoa: Stability and Peculiarities. <i>PLoS ONE</i> , 2012, 7, e44479.	2.5	68
52	Epigenetic Disruption of the PIWI Pathway in Human Spermatogenic Disorders. <i>PLoS ONE</i> , 2012, 7, e47892.	2.5	94
53	Generation and Characterization of Rat and Mouse Monoclonal Antibodies Specific for MeCP2 and Their Use in X-Inactivation Studies. <i>PLoS ONE</i> , 2011, 6, e26499.	2.5	20
54	Validation of a DNA methylation microarray for 450,000 CpG sites in the human genome. <i>Epigenetics</i> , 2011, 6, 692-702.	2.7	908

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55	Intergenic transcripts originating from a subclass of ribosomal DNA repeats silence ribosomal RNA genes in <i>trans</i> . <i>EMBO Reports</i> , 2010, 11, 52-58.	4.5	106
56	Molecular mechanisms of Id2 down-regulation in rat liver after acetaminophen overdose. Protection by N-acetyl-L-cysteine. <i>Free Radical Research</i> , 2010, 44, 1044-1053.	3.3	4
57	Epigenetic Modifiers Are Necessary but Not Sufficient for Reprogramming Non-Myelinating Cells into Myelin Gene-Expressing Cells. <i>PLoS ONE</i> , 2010, 5, e13023.	2.5	27
58	Pentoxifylline Prevents Loss of PP2A Phosphatase Activity and Recruitment of Histone Acetyltransferases to Proinflammatory Genes in Acute Pancreatitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 609-617.	2.5	27
59	In vivo GSH depletion induces c-myc expression by modulation of chromatin protein complexes. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1534-1542.	2.9	18
60	Cross-Talk between Oxidative Stress and Pro-Inflammatory Cytokines in Acute Pancreatitis: A Key Role for Protein Phosphatases. <i>Current Pharmaceutical Design</i> , 2009, 15, 3027-3042.	1.9	85
61	Age-dependent epigenetic control of differentiation inhibitors is critical for remyelination efficiency. <i>Nature Neuroscience</i> , 2008, 11, 1024-1034.	14.8	411
62	Glutamate cysteine ligase up-regulation fails in necrotizing pancreatitis. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1599-1609.	2.9	18
63	Inhibition of p53 Transcriptional Activity: A Potential Target for Future Development of Therapeutic Strategies for Primary Demyelination. <i>Journal of Neuroscience</i> , 2008, 28, 6118-6127.	3.6	47
64	Events at the transition between cell cycle exit and oligodendrocyte progenitor differentiation: the role of HDAC and YY1. <i>Neuron Glia Biology</i> , 2007, 3, 221-231.	1.6	40
65	The Transcription Factor Yin Yang 1 Is Essential for Oligodendrocyte Progenitor Differentiation. <i>Neuron</i> , 2007, 55, 217-230.	8.1	235
66	Transcription of the MAT2A gene, coding for methionine adenosyltransferase, is up-regulated by E2F and Sp1 at a chromatin level during proliferation of liver cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 842-850.	2.8	23
67	Identification of a gene-pathway associated with non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2007, 46, 708-718.	3.7	52
68	Id2 leaves the chromatin of the E2F4/p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. <i>Biochemical Journal</i> , 2006, 398, 431-437.	3.7	37
69	Interaction Between Cytokines and Oxidative Stress in Acute Pancreatitis. <i>Current Medicinal Chemistry</i> , 2006, 13, 2775-2787.	2.4	123
70	Vitamin E deficiency induces liver nuclear factor- κ B DNA-binding activity and changes in related genes. <i>Free Radical Research</i> , 2005, 39, 1127-1138.	3.3	33
71	RNAPol-ChIP: a novel application of chromatin immunoprecipitation to the analysis of real-time gene transcription. <i>Nucleic Acids Research</i> , 2004, 32, e88-e88.	14.5	122