Stuart S Levine

List of Publications by Year
in descending order

51 papers	20,720 citations	117571 34 h-index	189801 50 g-index
53 all docs	53 docs citations	53 times ranked	27063 citing authors

#	Article	IF	Citations
1	NExtSEEK: Extending SEEK for Active Management of Interoperable Metadata. , 2022, 33, .		0
2	Human physiomimetic model integrating microphysiological systems of the gut, liver, and brain for studies of neurodegenerative diseases. Science Advances, 2021, 7, .	4.7	73
3	Quantitative mapping of the cellular small RNA landscape with AQRNA-seq. Nature Biotechnology, 2021, 39, 978-988.	9.4	43
4	Myeloid cell subsets that express latency-associated peptide promote cancer growth by modulating TÂcells. IScience, 2021, 24, 103347.	1.9	4
5	SPRI Beads-based Size Selection in the Range of 2-10kb. Journal of Biomolecular Techniques, 2020, 31, 7-10.	0.8	23
6	Multisite Evaluation of Next-Generation Methods for Small RNA Quantification. Journal of Biomolecular Techniques, 2020, 31, 47-56.	0.8	11
7	Bioinformatics Core Survey Highlights the Challenges Facing Data Analysis Facilities. Journal of Biomolecular Techniques, 2020, 31, jbt.20-3102-005.	0.8	2
8	High-throughput Minitaturized RNA-Seq Library Preparation. Journal of Biomolecular Techniques, 2020, 31, jbt.20-3104-004.	0.8	5
9	Cross-Site Evaluation of Commercial Sanger Sequencing Chemistries. Journal of Biomolecular Techniques, 2020, 31, 88-93.	0.8	1
10	H3K27me3-mediated silencing of structural genes is required for zebrafish heart regeneration. Development (Cambridge), 2019, 146, .	1.2	33
11	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. Cell, 2019, 178, 1115-1131.e15.	13.5	231
12	Global transcriptional regulation of innate immunity by ATF-7 in C. elegans. PLoS Genetics, 2019, 15, e1007830.	1.5	56
13	Encapsulated miR-200c and Nkx2.1 in a nuclear/mitochondria transcriptional regulatory network of non-metastatic and metastatic lung cancer cells. BMC Cancer, 2019, 19, 136.	1.1	4
14	Single-cell transcriptomic profiling of the aging mouse brain. Nature Neuroscience, 2019, 22, 1696-1708.	7.1	432
15	Mutational spectra of aflatoxin B ₁ in vivo establish biomarkers of exposure for human hepatocellular carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3101-E3109.	3.3	100
16	The Hox proteins Ubx and AbdA collaborate with the transcription pausing factor M1<scp>BP</scp> to regulate gene transcription. EMBO Journal, 2017, 36, 2887-2906.	3.5	29
17	Host proteostasis modulates influenza evolution. ELife, 2017, 6, .	2.8	34
18	Monitoring Error Rates In Illumina Sequencing. Journal of Biomolecular Techniques, 2016, 27, 125-128.	0.8	65

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19	RNA polymerase II promoter-proximal pausing in mammalian long non-coding genes. Genomics, 2016, 108, 64-77.	1.3	44
20	Transportable, Chemical Genetic Methodology for the Small Molecule-Mediated Inhibition of Heat Shock Factor 1. ACS Chemical Biology, 2016, 11, 200-210.	1.6	28
21	Next-generation sequencing reveals the biological significance of the N Â2,3-ethenoguanine lesion in vivo. Nucleic Acids Research, 2015, 43, 5489-5500.	6.5	39
22	Diverse cell stresses induce unique patterns of tRNA up- and down-regulation: tRNA-seq for quantifying changes in tRNA copy number. Nucleic Acids Research, 2014, 42, e170-e170.	6.5	114
23	Arsenic Exposure Perturbs the Gut Microbiome and Its Metabolic Profile in Mice: An Integrated Metagenomics and Metabolomics Analysis. Environmental Health Perspectives, 2014, 122, 284-291.	2.8	435
24	Genomic mapping of phosphorothioates reveals partial modification of short consensus sequences. Nature Communications, 2014, 5, 3951.	5.8	90
25	TRIM28 regulates RNA polymerase II promoter-proximal pausing and pause release. Nature Structural and Molecular Biology, 2014, 21, 876-883.	3.6	125
26	Polycomb Repressive Complex 2 Regulates Lineage Fidelity during Embryonic Stem Cell Differentiation. PLoS ONE, 2014, 9, e110498.	1.1	22
27	Gut Microbiome Perturbations Induced by Bacterial Infection Affect Arsenic Biotransformation. Chemical Research in Toxicology, 2013, 26, 1893-1903.	1.7	73
28	H2A.Z Acidic Patch Couples Chromatin Dynamics to Regulation of Gene Expression Programs during ESC Differentiation. PLoS Genetics, 2013, 9, e1003725.	1.5	53
29	Lane-by-lane sequencing using Illumina's Genome Analyzer II. BioTechniques, 2013, 54, 265-269.	0.8	5
30	Admixture and recombination among Toxoplasma gondii lineages explain global genome diversity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13458-13463.	3.3	83
31	Dynamic and Coordinated Epigenetic Regulation of Developmental Transitions in the Cardiac Lineage. Cell, 2012, 151, 206-220.	13.5	555
32	Home care program for patients at high risk of hospitalization. American Journal of Managed Care, 2012, 18, e269-76.	0.8	19
33	miR-132, an experience-dependent microRNA, is essential for visual cortex plasticity. Nature Neuroscience, 2011, 14, 1240-1242.	7.1	167
34	Mediator and cohesin connect gene expression and chromatin architecture. Nature, 2010, 467, 430-435.	13.7	1,707
35	Ronin/Hcf-1 binds to a hyperconserved enhancer element and regulates genes involved in the growth of embryonic stem cells. Genes and Development, 2010, 24, 1479-1484.	2.7	106
36	Effects of Age on Meiosis in Budding Yeast. Developmental Cell, 2009, 16, 844-855.	3.1	22

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37	Divergent Transcription from Active Promoters. Science, 2008, 322, 1849-1851.	6.0	801
38	Connecting microRNA Genes to the Core Transcriptional Regulatory Circuitry of Embryonic Stem Cells. Cell, 2008, 134, 521-533.	13.5	1,332
39	H2AZ Is Enriched at Polycomb Complex Target Genes in ES Cells and Is Necessary for Lineage Commitment. Cell, 2008, 135, 649-661.	13.5	307
40	Aberrant chromatin at genes encoding stem cell regulators in human mixed-lineage leukemia. Genes and Development, 2008, 22, 3403-3408.	2.7	237
41	A Chromatin Landmark and Transcription Initiation at Most Promoters in Human Cells. Cell, 2007, 130, 77-88.	13.5	1,725
42	Foxp3 occupancy and regulation of key target genes during T-cell stimulation. Nature, 2007, 445, 931-935.	13.7	644
43	Control of Developmental Regulators by Polycomb in Human Embryonic Stem Cells. Cell, 2006, 125, 301-313.	13.5	2,059
44	Polycomb complexes repress developmental regulators in murine embryonic stem cells. Nature, 2006, 441, 349-353.	13.7	2,273
45	The core centromere and Sgo1 establish a 50-kb cohesin-protected domain around centromeres during meiosis I. Genes and Development, 2005, 19, 3017-3030.	2.7	87
46	Genome-wide Map of Nucleosome Acetylation and Methylation in Yeast. Cell, 2005, 122, 517-527.	13.5	1,242
47	Core Transcriptional Regulatory Circuitry in Human Embryonic Stem Cells. Cell, 2005, 122, 947-956.	13.5	4,000
48	Division of labor in Polycomb group repression. Trends in Biochemical Sciences, 2004, 29, 478-485.	3.7	206
49	Menin Associates with a Trithorax Family Histone Methyltransferase Complex and with the Hoxc8 Locus. Molecular Cell, 2004, 13, 587-597.	4.5	568
50	The Core of the Polycomb Repressive Complex Is Compositionally and Functionally Conserved in Flies and Humans. Molecular and Cellular Biology, 2002, 22, 6070-6078.	1.1	360
51	Vasopressin regulated trafficking of a green fluorescent protein-aquaporin 2 chimera in LLC-PK1 cells. Histochemistry and Cell Biology, 1998, 110, 377-386.	0.8	42