Sudhakaran Prabakaran

List of Publications by Year
in descending order

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58	2,148	566801 15	395343 33
papers	citations	h-index	g-index

69	69	69	3394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel open reading frames in human accelerated regions and transposable elements reveal new leads to understand schizophrenia and bipolar disorder. Molecular Psychiatry, 2022, 27, 1455-1468.	4.1	11
2	A platform for curated products from novel open reading frames prompts reinterpretation of disease variants. Genome Research, 2021, 31, 327-336.	2.4	17
3	In silico identification of novel open reading frames in Plasmodium falciparum oocyte and salivary gland sporozoites using proteogenomics framework. Malaria Journal, 2021, 20, 71.	0.8	1
4	Pan-cancer analysis of transcripts encoding novel open-reading frames (nORFs) and their potential biological functions. Npj Genomic Medicine, 2021, 6, 4.	1.7	20
5	Evolutionary divergence of novel open reading frames in cichlids speciation. Scientific Reports, 2020, 10, 21570.	1.6	5
6	Big data in digital healthcare: lessons learnt and recommendations for general practice. Heredity, 2020, 124, 525-534.	1.2	103
7	PhosphoEffect: Prioritizing Variants On or Adjacent to Phosphorylation Sites through Their Effect on Kinase Recognition Motifs. IScience, 2020, 23, 101321.	1.9	3
8	Loss of Kat2a enhances transcriptional noise and depletes acute myeloid leukemia stem-like cells. ELife, 2020, 9, .	2.8	26
9	Transcriptional Heterogeneity Governs Cell Fate Diversification during Pre-Leukemia to Leukemia Progression. Blood, 2020, 136, 31-32.	0.6	0
10	Behavioural analysis of single-cell aneural ciliate,Stentor roeseli,using machine learning approaches. Journal of the Royal Society Interface, 2019, 16, 20190410.	1.5	6
11	A Complex Hierarchy of Avoidance Behaviors in a Single-Cell Eukaryote. Current Biology, 2019, 29, 4323-4329.e2.	1.8	59
12	The Macronuclear Genome of Stentor coeruleus Reveals Tiny Introns in a Giant Cell. Current Biology, 2017, 27, 569-575.	1.8	105
13	The Study of Posttranslational Modifications of Tau Protein by Nuclear Magnetic Resonance Spectroscopy: Phosphorylation of Tau Protein by ERK2 Recombinant Kinase and Rat Brain Extract, and Acetylation by Recombinant Creb-Binding Protein. Methods in Molecular Biology, 2017, 1523, 179-213.	0.4	15
14	Characterization of Neuronal Tau Protein as a Target of Extracellular Signal-regulated Kinase. Journal of Biological Chemistry, 2016, 291, 7742-7753.	1.6	54
15	PP2A to Alzheimerâ€™s rescue. Science Signaling, 2016, 9, .	1.6	2
16	CSF-1 delivers a painful signal. Science Signaling, 2016, 9, .	1.6	1
17	GTP sensor is a lipid kinase. Science Signaling, 2016, 9, .	1.6	0
18	Releasing aldolase from the cytoskeleton. Science Signaling, 2016, 9, .	1.6	1

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19	lncRNAs promote gene expression, too. Science Signaling, 2016, 9, .	1.6	0
20	Engineered cells to treat hyperthyroidism. Science Signaling, 2016, 9, .	1.6	0
21	A food clock in the VMH. Science Signaling, 2016, 9, .	1.6	0
22	B cell receptor signaling dynamics. Science Signaling, 2015, 8, .	1.6	1
23	GABA, the time keeper. Science Signaling, 2015, 8, .	1.6	1
24	Endocannabinoids mediate runnerâ€™s high. Science Signaling, 2015, 8, .	1.6	2
25	Mitochondria to nucleus: Activate HIF1Î±. Science Signaling, 2015, 8, .	1.6	1
26	Precision medicine by synthetic lethality. Science Signaling, 2015, 8, .	1.6	1
27	Metabolites drive cell fate in the developing embryo. Science Signaling, 2015, 8, .	1.6	0
28	Finding a missing link in blood pressure regulation. Science Signaling, 2015, 8, .	1.6	0
29	Can a cough suppressant treat diabetes?. Science Signaling, 2015, 8, .	1.6	0
30	Biased memories. Science Signaling, 2015, 8, .	1.6	0
31	Nonenzymatic lysine phosphorylation. Science Signaling, 2015, 8, .	1.6	0
32	miRNAs encode miPEPs. Science Signaling, 2015, 8, .	1.6	0
33	Discrete PTEN signaling. Science Signaling, 2015, 8, .	1.6	0
34	Milk needs Orai1. Science Signaling, 2015, 8, .	1.6	0
35	Limiting metastasis with tRNA fragments. Science Signaling, 2015, 8, .	1.6	0
36	Recruiting bystanders to fight infection. Science Signaling, 2015, 8, .	1.6	0

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37	Marine plankton communicate with lipids. Science Signaling, 2015, 8, .	1.6	0
38	Gî² proteins as components of E3 ubiquitin ligases. Science Signaling, 2015, 8, .	1.6	0
39	Mitochondria power drug-induced invasion. Science Signaling, 2015, 8, .	1.6	0
40	Microglia get a gut feeling. Science Signaling, 2015, 8, .	1.6	0
41	Active but not oncogenic. Science Signaling, 2015, 8, .	1.6	0
42	A metabolite rescues DNA damage. Science Signaling, 2015, 8, .	1.6	0
43	The key to unlocking PARKIN. Science Signaling, 2015, 8, .	1.6	0
44	Omic profiling of melanoma evolution. Science Signaling, 2015, 8, .	1.6	0
45	In search of a biocompass. Science Signaling, 2015, 8, .	1.6	0
46	Inhibit casein kinase 2 to lose weight. Science Signaling, 2015, 8, .	1.6	0
47	BMP2 decides cancer cell fate. Science Signaling, 2015, 8, .	1.6	0
48	To be parasitic or symbiotic?. Science Signaling, 2015, 8, .	1.6	0
49	Quantitative profiling of peptides from RNAs classified as noncoding. Nature Communications, 2014, 5, 5429.	5.8	55
50	Paradoxical Results in Perturbation-Based Signaling Network Reconstruction. Biophysical Journal, 2014, 106, 2720-2728.	0.2	23
51	Postâ€translational modification: nature's escape from genetic imprisonment and the basis for dynamic information encoding. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2012, 4, 565-583.	6.6	288
52	Comparative analysis of Erk phosphorylation suggests a mixed strategy for measuring phosphoâ€form distributions. Molecular Systems Biology, 2011, 7, 482.	3.2	38
53	Independent protein-profiling studies show a decrease in apolipoprotein A1 levels in schizophrenia CSF, brain and peripheral tissues. Molecular Psychiatry, 2008, 13, 1118-1128.	4.1	124
54	High Throughput Lipidomic Profiling of Schizophrenia and Bipolar Disorder Brain Tissue Reveals Alterations of Free Fatty Acids, Phosphatidylcholines, and Ceramides. Journal of Proteome Research, 2008, 7, 4266-4277.	1.8	171

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55	2-D DIGE Analysis of Liver and Red Blood Cells Provides Further Evidence for Oxidative Stress in Schizophrenia. Journal of Proteome Research, 2007, 6, 141-149.	1.8	104
56	Protein profiling of human postmortem brain using 2-dimensional fluorescence difference gel electrophoresis (2-D DIGE). Molecular Psychiatry, 2004, 9, 128-143.	4.1	85
57	Protein profiling of human post-mortem brain using two-dimensional fluorescence difference gel electrophoresis (2-D DIGE). Molecular Psychiatry, 2004, 9, 121-121.	4.1	3
58	Mitochondrial dysfunction in schizophrenia: evidence for compromised brain metabolism and oxidative stress. Molecular Psychiatry, 2004, 9, 684-697.	4.1	810