Sudhakaran Prabakaran

List of Publications by Year
in descending order

58 papers	2,148 citations	567281 15 h-index	395702 33 g-index
69 all docs	69 docs citations	69 times ranked	3394 citing authors

#	Article	IF	Citations
1	Mitochondrial dysfunction in schizophrenia: evidence for compromised brain metabolism and oxidative stress. Molecular Psychiatry, 2004, 9, 684-697.	7.9	810
2	Post‐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
3	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.	3.7	171
4	Independent protein-profiling studies show a decrease in apolipoprotein A1 levels in schizophrenia CSF, brain and peripheral tissues. Molecular Psychiatry, 2008, 13, 1118-1128.	7.9	124
5	The Macronuclear Genome of Stentor coeruleus Reveals Tiny Introns in a Giant Cell. Current Biology, 2017, 27, 569-575.	3.9	105
6	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.	3.7	104
7	Big data in digital healthcare: lessons learnt and recommendations for general practice. Heredity, 2020, 124, 525-534.	2.6	103
8	Protein profiling of human postmortem brain using 2-dimensional fluorescence difference gel electrophoresis (2-D DIGE). Molecular Psychiatry, 2004, 9, 128-143.	7.9	85
9	A Complex Hierarchy of Avoidance Behaviors in a Single-Cell Eukaryote. Current Biology, 2019, 29, 4323-4329.e2.	3.9	59
10	Quantitative profiling of peptides from RNAs classified as noncoding. Nature Communications, 2014, 5, 5429.	12.8	55
11	Characterization of Neuronal Tau Protein as a Target of Extracellular Signal-regulated Kinase. Journal of Biological Chemistry, 2016, 291, 7742-7753.	3.4	54
12	Comparative analysis of Erk phosphorylation suggests a mixed strategy for measuring phospho‐form distributions. Molecular Systems Biology, 2011, 7, 482.	7.2	38
13	Loss of Kat2a enhances transcriptional noise and depletes acute myeloid leukemia stem-like cells. ELife, 2020, 9, .	6.0	26
14	Paradoxical Results in Perturbation-Based Signaling Network Reconstruction. Biophysical Journal, 2014, 106, 2720-2728.	0.5	23
15	Pan-cancer analysis of transcripts encoding novel open-reading frames (nORFs) and their potential biological functions. Npj Genomic Medicine, 2021, 6, 4.	3.8	20
16	A platform for curated products from novel open reading frames prompts reinterpretation of disease variants. Genome Research, 2021, 31, 327-336.	5.5	17
17	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.	0.9	15
18	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.	7.9	11

#	ARTICLE	IF	CITATIONS
19	Behavioural analysis of single-cell aneural ciliate,<i>Stentor roeseli,</i>using machine learning approaches. Journal of the Royal Society Interface, 2019, 16, 20190410.	3.4	6
20	Evolutionary divergence of novel open reading frames in cichlids speciation. Scientific Reports, 2020, 10, 21570.	3.3	5
21	Protein profiling of human post-mortem brain using two-dimensional fluorescence difference gel electrophoresis (2-D DIGE). Molecular Psychiatry, 2004, 9, 121-121.	7.9	3
22	PhosphoEffect: Prioritizing Variants On or Adjacent to Phosphorylation Sites through Their Effect on Kinase Recognition Motifs. IScience, 2020, 23, 101321.	4.1	3
23	Endocannabinoids mediate runnerâ€™s high. Science Signaling, 2015, 8, .	3.6	2
24	PP2A to Alzheimerâ€™s rescue. Science Signaling, 2016, 9, .	3.6	2
25	In silico identification of novel open reading frames in Plasmodium falciparum oocyte and salivary gland sporozoites using proteogenomics framework. Malaria Journal, 2021, 20, 71.	2.3	1
26	B cell receptor signaling dynamics. Science Signaling, 2015, 8, .	3.6	1
27	GABA, the time keeper. Science Signaling, 2015, 8, .	3.6	1
28	Mitochondria to nucleus: Activate HIF1Î±. Science Signaling, 2015, 8, .	3.6	1
29	Precision medicine by synthetic lethality. Science Signaling, 2015, 8, .	3.6	1
30	CSF-1 delivers a painful signal. Science Signaling, 2016, 9, .	3.6	1
31	Releasing aldolase from the cytoskeleton. Science Signaling, 2016, 9, .	3.6	1
32	Metabolites drive cell fate in the developing embryo. Science Signaling, 2015, 8, .	3.6	0
33	Finding a missing link in blood pressure regulation. Science Signaling, 2015, 8, .	3.6	0
34	Can a cough suppressant treat diabetes?. Science Signaling, 2015, 8, .	3.6	0
35	Biased memories. Science Signaling, 2015, 8, .	3.6	0
36	Nonenzymatic lysine phosphorylation. Science Signaling, 2015, 8, .	3.6	0

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37	miRNAs encode miPEPs. Science Signaling, 2015, 8, .	3.6	0
38	Discrete PTEN signaling. Science Signaling, 2015, 8, .	3.6	0
39	Milk needs Orai1. Science Signaling, 2015, 8, .	3.6	0
40	Limiting metastasis with tRNA fragments. Science Signaling, 2015, 8, .	3.6	0
41	Recruiting bystanders to fight infection. Science Signaling, 2015, 8, .	3.6	0
42	Marine plankton communicate with lipids. Science Signaling, 2015, 8, .	3.6	0
43	GÎ² proteins as components of E3 ubiquitin ligases. Science Signaling, 2015, 8, .	3.6	0
44	Mitochondria power drug-induced invasion. Science Signaling, 2015, 8, .	3.6	0
45	Microglia get a gut feeling. Science Signaling, 2015, 8, .	3.6	0
46	Active but not oncogenic. Science Signaling, 2015, 8, .	3.6	0
47	A metabolite rescues DNA damage. Science Signaling, 2015, 8, .	3.6	0
48	The key to unlocking PARKIN. Science Signaling, 2015, 8, .	3.6	0
49	Omic profiling of melanoma evolution. Science Signaling, 2015, 8, .	3.6	0
50	In search of a biocompass. Science Signaling, 2015, 8, .	3.6	0
51	Inhibit casein kinase 2 to lose weight. Science Signaling, 2015, 8, .	3.6	0
52	BMP2 decides cancer cell fate. Science Signaling, 2015, 8, .	3.6	0
53	To be parasitic or symbiotic?. Science Signaling, 2015, 8, .	3.6	0
54	GTP sensor is a lipid kinase. Science Signaling, 2016, 9, .	3.6	0

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55	lncRNAs promote gene expression, too. Science Signaling, 2016, 9, .	3.6	0
56	Engineered cells to treat hyperthyroidism. Science Signaling, 2016, 9, .	3.6	0
57	A food clock in the VMH. Science Signaling, 2016, 9, .	3.6	0
58	Transcriptional Heterogeneity Governs Cell Fate Diversification during Pre-Leukemia to Leukemia Progression. Blood, 2020, 136, 31-32.	1.4	0