

# Sudhakaran Prabakaran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5519276/publications.pdf>

Version: 2024-02-01

58  
papers

2,148  
citations

566801

15  
h-index

395343

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. <i>Molecular Psychiatry</i> , 2004, 9, 684-697.	4.1	810
2	Post-translational modification: nature's escape from genetic imprisonment and the basis for dynamic information encoding. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 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. <i>Journal of Proteome Research</i> , 2008, 7, 4266-4277.	1.8	171
4	Independent protein-profiling studies show a decrease in apolipoprotein A1 levels in schizophrenia CSF, brain and peripheral tissues. <i>Molecular Psychiatry</i> , 2008, 13, 1118-1128.	4.1	124
5	The Macronuclear Genome of <i>Stentor coeruleus</i> Reveals Tiny Introns in a Giant Cell. <i>Current Biology</i> , 2017, 27, 569-575.	1.8	105
6	2-D DIGE Analysis of Liver and Red Blood Cells Provides Further Evidence for Oxidative Stress in Schizophrenia. <i>Journal of Proteome Research</i> , 2007, 6, 141-149.	1.8	104
7	Big data in digital healthcare: lessons learnt and recommendations for general practice. <i>Heredity</i> , 2020, 124, 525-534.	1.2	103
8	Protein profiling of human postmortem brain using 2-dimensional fluorescence difference gel electrophoresis (2-D DIGE). <i>Molecular Psychiatry</i> , 2004, 9, 128-143.	4.1	85
9	A Complex Hierarchy of Avoidance Behaviors in a Single-Cell Eukaryote. <i>Current Biology</i> , 2019, 29, 4323-4329.e2.	1.8	59
10	Quantitative profiling of peptides from RNAs classified as noncoding. <i>Nature Communications</i> , 2014, 5, 5429.	5.8	55
11	Characterization of Neuronal Tau Protein as a Target of Extracellular Signal-regulated Kinase. <i>Journal of Biological Chemistry</i> , 2016, 291, 7742-7753.	1.6	54
12	Comparative analysis of Erk phosphorylation suggests a mixed strategy for measuring phosphoform distributions. <i>Molecular Systems Biology</i> , 2011, 7, 482.	3.2	38
13	Loss of <i>Kat2a</i> enhances transcriptional noise and depletes acute myeloid leukemia stem-like cells. <i>ELife</i> , 2020, 9, .	2.8	26
14	Paradoxical Results in Perturbation-Based Signaling Network Reconstruction. <i>Biophysical Journal</i> , 2014, 106, 2720-2728.	0.2	23
15	Pan-cancer analysis of transcripts encoding novel open-reading frames (nORFs) and their potential biological functions. <i>Npj Genomic Medicine</i> , 2021, 6, 4.	1.7	20
16	A platform for curated products from novel open reading frames prompts reinterpretation of disease variants. <i>Genome Research</i> , 2021, 31, 327-336.	2.4	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. <i>Methods in Molecular Biology</i> , 2017, 1523, 179-213.	0.4	15
18	Novel open reading frames in human accelerated regions and transposable elements reveal new leads to understand schizophrenia and bipolar disorder. <i>Molecular Psychiatry</i> , 2022, 27, 1455-1468.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Behavioural analysis of single-cell aneural ciliate, <i>Stentor roeseli</i> , using machine learning approaches. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190410.	1.5	6
20	Evolutionary divergence of novel open reading frames in cichlids speciation. <i>Scientific Reports</i> , 2020, 10, 21570.	1.6	5
21	Protein profiling of human post-mortem brain using two-dimensional fluorescence difference gel electrophoresis (2-D DIGE). <i>Molecular Psychiatry</i> , 2004, 9, 121-121.	4.1	3
22	PhosphoEffect: Prioritizing Variants On or Adjacent to Phosphorylation Sites through Their Effect on Kinase Recognition Motifs. <i>IScience</i> , 2020, 23, 101321.	1.9	3
23	Endocannabinoids mediate runner's high. <i>Science Signaling</i> , 2015, 8, .	1.6	2
24	PP2A to Alzheimer's rescue. <i>Science Signaling</i> , 2016, 9, .	1.6	2
25	In silico identification of novel open reading frames in <i>Plasmodium falciparum</i> oocyte and salivary gland sporozoites using proteogenomics framework. <i>Malaria Journal</i> , 2021, 20, 71.	0.8	1
26	B cell receptor signaling dynamics. <i>Science Signaling</i> , 2015, 8, .	1.6	1
27	GABA, the time keeper. <i>Science Signaling</i> , 2015, 8, .	1.6	1
28	Mitochondria to nucleus: Activate HIF1 $\alpha$ . <i>Science Signaling</i> , 2015, 8, .	1.6	1
29	Precision medicine by synthetic lethality. <i>Science Signaling</i> , 2015, 8, .	1.6	1
30	CSF-1 delivers a painful signal. <i>Science Signaling</i> , 2016, 9, .	1.6	1
31	Releasing aldolase from the cytoskeleton. <i>Science Signaling</i> , 2016, 9, .	1.6	1
32	Metabolites drive cell fate in the developing embryo. <i>Science Signaling</i> , 2015, 8, .	1.6	0
33	Finding a missing link in blood pressure regulation. <i>Science Signaling</i> , 2015, 8, .	1.6	0
34	Can a cough suppressant treat diabetes?. <i>Science Signaling</i> , 2015, 8, .	1.6	0
35	Biased memories. <i>Science Signaling</i> , 2015, 8, .	1.6	0
36	Nonenzymatic lysine phosphorylation. <i>Science Signaling</i> , 2015, 8, .	1.6	0

#	ARTICLE	IF	CITATIONS
37	miRNAs encode miPEPs. <i>Science Signaling</i> , 2015, 8, .	1.6	0
38	Discrete PTEN signaling. <i>Science Signaling</i> , 2015, 8, .	1.6	0
39	Milk needs Orai1. <i>Science Signaling</i> , 2015, 8, .	1.6	0
40	Limiting metastasis with tRNA fragments. <i>Science Signaling</i> , 2015, 8, .	1.6	0
41	Recruiting bystanders to fight infection. <i>Science Signaling</i> , 2015, 8, .	1.6	0
42	Marine plankton communicate with lipids. <i>Science Signaling</i> , 2015, 8, .	1.6	0
43	G $\beta$ proteins as components of E3 ubiquitin ligases. <i>Science Signaling</i> , 2015, 8, .	1.6	0
44	Mitochondria power drug-induced invasion. <i>Science Signaling</i> , 2015, 8, .	1.6	0
45	Microglia get a gut feeling. <i>Science Signaling</i> , 2015, 8, .	1.6	0
46	Active but not oncogenic. <i>Science Signaling</i> , 2015, 8, .	1.6	0
47	A metabolite rescues DNA damage. <i>Science Signaling</i> , 2015, 8, .	1.6	0
48	The key to unlocking PARKIN. <i>Science Signaling</i> , 2015, 8, .	1.6	0
49	Omic profiling of melanoma evolution. <i>Science Signaling</i> , 2015, 8, .	1.6	0
50	In search of a biocompass. <i>Science Signaling</i> , 2015, 8, .	1.6	0
51	Inhibit casein kinase 2 to lose weight. <i>Science Signaling</i> , 2015, 8, .	1.6	0
52	BMP2 decides cancer cell fate. <i>Science Signaling</i> , 2015, 8, .	1.6	0
53	To be parasitic or symbiotic?. <i>Science Signaling</i> , 2015, 8, .	1.6	0
54	GTP sensor is a lipid kinase. <i>Science Signaling</i> , 2016, 9, .	1.6	0

#	ARTICLE	IF	CITATIONS
55	lncRNAs promote gene expression, too. <i>Science Signaling</i> , 2016, 9, .	1.6	0
56	Engineered cells to treat hyperthyroidism. <i>Science Signaling</i> , 2016, 9, .	1.6	0
57	A food clock in the VMH. <i>Science Signaling</i> , 2016, 9, .	1.6	0
58	Transcriptional Heterogeneity Governs Cell Fate Diversification during Pre-Leukemia to Leukemia Progression. <i>Blood</i> , 2020, 136, 31-32.	0.6	0