Logeshwaran Somasundaram

List of Publications by Citations

12 papers	412 citations	7 h-index	14 g-index
14 ext. papers	568 ext. citations	12.1 avg, IF	2.85 L-index

#	Paper	IF	Citations
12	The metabolome regulates the epigenetic landscape during naive-to-primed human embryonic stem cell transition. *Nature Cell Biology*, **2015**, 17, 1523-35	23.4	249
11	Design of biologically active binary protein 2D materials. *Nature*, **2021**, 589, 468-473	50.4	33
10	Metabolic Control over mTOR-Dependent Diapause-like State. *Developmental Cell*, **2020**, 52, 236-250.e7	10.2	29
9	F-domain valency determines outcome of signaling through the angiopoietin pathway **2020**,		28
8	First critical repressive H3K27me3 marks in embryonic stem cells identified using designed protein inhibitor. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 10125-10130	11.5	24
7	Genotoxicity evaluation of metformin and glimepiride by micronucleus assay in exfoliated urothelial cells of type 2 diabetes mellitus patients. *Food and Chemical Toxicology*, **2015**, 83, 146-50	4.7	15
6	Metabolism as an early predictor of DPSCs aging. *Scientific Reports*, **2019**, 9, 2195	4.9	14
5	Inducible CRISPR genome editing platform in naive human embryonic stem cells reveals JARID2 function in self-renewal. *Cell Cycle*, **2018**, 17, 535-549	4.7	7
4	microRNAs Regulating Human and Mouse Naïve Pluripotency. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	5
3	F-domain valency determines outcome of signaling through the angiopoietin pathway. *EMBO Reports*, **2021**, 22, e53471	6.5	4
2	Epigenetic metabolites license stem cell states. *Current Topics in Developmental Biology*, **2020**, 138, 209-240	5.3	4
1	dCas9 fusion to computer-designed PRC2 inhibitor reveals functional TATA box in distal promoter region.. *Cell Reports*, **2022**, 38, 110457	10.6	0