

# Sathiyarayanan Manivannan

## List of Publications by Year in descending order

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17  
papers

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citations

1163117

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23  
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times ranked

369  
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#	ARTICLE	IF	CITATIONS
1	<i>De novo FZR1</i> loss-of-function variants cause developmental and epileptic encephalopathies. <i>Brain</i> , 2022, 145, 1684-1697.	7.6	5
2	<i>Drosophila</i> functional screening of de novo variants in autism uncovers damaging variants and facilitates discovery of rare neurodevelopmental diseases. <i>Cell Reports</i> , 2022, 38, 110517.	6.4	24
3	Single-Cell RNA Sequencing Reveals Novel Genes Regulated by Hypoxia in the Lung Vasculature. <i>Journal of Vascular Research</i> , 2022, 59, 163-175.	1.4	4
4	Nitric oxide prevents aortic valve calcification by S-nitrosylation of USP9X to activate NOTCH signaling. <i>Science Advances</i> , 2021, 7, .	10.3	43
5	A Multi-Omics Approach Using a Mouse Model of Cardiac Malformations for Prioritization of Human Congenital Heart Disease Contributing Genes. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 683074.	2.4	2
6	miR-145 transgenic mice develop cardiopulmonary complications leading to postnatal death. <i>Physiological Reports</i> , 2021, 9, e15013.	1.7	1
7	Generation of transgenic mice that conditionally express microRNA miR-145. <i>Genesis</i> , 2020, 58, e23385.	1.6	2
8	Novel frameshift variant in MYL2 reveals molecular differences between dominant and recessive forms of hypertrophic cardiomyopathy. <i>PLoS Genetics</i> , 2020, 16, e1008639.	3.5	16
9	Flip-flop Mediated Conditional Gene Inactivation in <i>Drosophila</i> . <i>Bio-protocol</i> , 2019, 9, .	0.4	3
10	A cell cycle-independent, conditional gene inactivation strategy for differentially tagging wild-type and mutant cells. <i>ELife</i> , 2017, 6, .	6.0	23
11	Targeted genetics in <i>Drosophila</i> cell lines: Inserting single transgenes in vitro. <i>Fly</i> , 2016, 10, 134-141.	1.7	3
12	Targeted Integration of Single-Copy Transgenes in <i>Drosophila melanogaster</i> Tissue-Culture Cells Using Recombination-Mediated Cassette Exchange. <i>Genetics</i> , 2015, 201, 1319-1328.	2.9	15
13	Transcriptional Control of an Essential Ribozyme in <i>Drosophila</i> Reveals an Ancient Evolutionary Divide in Animals. <i>PLoS Genetics</i> , 2015, 11, e1004893.	3.5	5
14	TGF- $\beta$ ligands can substitute for the neuregulin Vein in <i>Drosophila</i> development. <i>Development (Cambridge)</i> , 2014, 141, 4110-4114.	2.5	7
15	Dpp-induced Egfr signaling triggers postembryonic wing development in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5058-5063.	7.1	41
16	New Negative Feedback Regulators of Egfr Signaling in <i>Drosophila</i> . <i>Genetics</i> , 2012, 191, 1213-1226.	2.9	24
17	Loss of the Tumor Suppressor Pten Promotes Proliferation of <i>Drosophila melanogaster</i> Cells In Vitro and Gives Rise to Continuous Cell Lines. <i>PLoS ONE</i> , 2012, 7, e31417.	2.5	9