

Dhaval S Patel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2926577/publications.pdf>

Version: 2024-02-01

12
papers

450
citations

1306789

7
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

718
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary conservation of regulated longevity assurance mechanisms. <i>Genome Biology</i> , 2007, 8, R132.	13.9	173
2	Clustering of Genetically Defined Allele Classes in the <i>Caenorhabditis elegans</i> DAF-2 Insulin/IGF-1 Receptor. <i>Genetics</i> , 2008, 178, 931-946.	1.2	76
3	A gene-expression-based neural code for food abundance that modulates lifespan. <i>ELife</i> , 2015, 4, e06259.	2.8	53
4	Genetic identification of HSD-1, a conserved steroidogenic enzyme that directs larval development in <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2008, 135, 2239-2249.	1.2	52
5	An automated platform to monitor long-term behavior and healthspan in <i>Caenorhabditis elegans</i> under precise environmental control. <i>Communications Biology</i> , 2020, 3, 297.	2.0	37
6	Graphical-model framework for automated annotation of cell identities in dense cellular images. <i>ELife</i> , 2021, 10, .	2.8	23
7	RILM: a web-based resource to aid comparative and functional analysis of the insulin and IGF-1 receptor family. <i>Human Mutation</i> , 2007, 28, 660-668.	1.1	13
8	smFISH in chips: a microfluidic-based pipeline to quantify in situ gene expression in whole organisms. <i>Lab on A Chip</i> , 2020, 20, 266-273.	3.1	9
9	Genetic control of encoding strategy in a food-sensing neural circuit. <i>ELife</i> , 2017, 6, .	2.8	7
10	Quantification of Information Encoded by Gene Expression Levels During Lifespan Modulation Under Broad-range Dietary Restriction in <i>C. elegans</i> . <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3
11	A Multicellular Network Mechanism for Temperature-Robust Food Sensing. <i>Cell Reports</i> , 2020, 33, 108521.	2.9	2
12	Digging deeper: methodologies for high-content phenotyping in <i>Caenorhabditis elegans</i> . <i>Lab Animal</i> , 2019, 48, 207-216.	0.2	1