

Elia Di Schiavi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6309797/publications.pdf>

Version: 2024-02-01

42
papers

1,677
citations

430874

18
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

3497
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutation of SHOC2 promotes aberrant protein N-myristoylation and causes Noonan-like syndrome with loose anagen hair. <i>Nature Genetics</i> , 2009, 41, 1022-1026.	21.4	358
2	Activation of Autophagy, Observed in Liver Tissues From Patients With Wilson Disease and From ATP7B-Deficient Animals, Protects Hepatocytes From Copper-Induced Apoptosis. <i>Gastroenterology</i> , 2019, 156, 1173-1189.e5.	1.3	150
3	Efficient and cell specific knock-down of gene function in targeted <i>C. elegans</i> neurons. <i>Gene</i> , 2007, 395, 170-176.	2.2	147
4	Functional Dysregulation of CDC42 Causes Diverse Developmental Phenotypes. <i>American Journal of Human Genetics</i> , 2018, 102, 309-320.	6.2	138
5	Activating mutations in RRAS underlie a phenotype within the RASopathy spectrum and contribute to leukaemogenesis. <i>Human Molecular Genetics</i> , 2014, 23, 4315-4327.	2.9	114
6	The Kallmann syndrome gene homolog in <i>C. elegans</i> is involved in epidermal morphogenesis and neurite branching. <i>Development (Cambridge)</i> , 2002, 129, 1283-1294.	2.5	82
7	The <i>C. elegans</i> H3K27 Demethylase UTX-1 Is Essential for Normal Development, Independent of Its Enzymatic Activity. <i>PLoS Genetics</i> , 2012, 8, e1002647.	3.5	59
8	Optofluidic holographic microscopy with custom field of view (FoV) using a linear array detector. <i>Lab on A Chip</i> , 2015, 15, 2117-2124.	6.0	57
9	Nanoalgosomes: Introducing extracellular vesicles produced by microalgae. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12081.	12.2	45
10	Antinematode Activity of Violacein and the Role of the Insulin/IGF-1 Pathway in Controlling Violacein Sensitivity in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2014, 9, e109201.	2.5	37
11	Isolation of extracellular vesicles from microalgae: towards the production of sustainable and natural nanocarriers of bioactive compounds. <i>Biomaterials Science</i> , 2021, 9, 2917-2930.	5.4	34
12	<i>Caenorhabditis elegans</i> provides an efficient drug screening platform for <i>GNAO1</i> -related disorders and highlights the potential role of caffeine in controlling dyskinesia. <i>Human Molecular Genetics</i> , 2022, 31, 929-941.	2.9	32
13	Key role of SMN/SYNCRIP and RNA-Motif 7 in spinal muscular atrophy: RNA-Seq and motif analysis of human motor neurons. <i>Brain</i> , 2019, 142, 276-294.	7.6	31
14	Understanding the Effects of Deep Space Radiation on Nervous System: The Role of Genetically Tractable Experimental Models. <i>Frontiers in Physics</i> , 2020, 8, .	2.1	30
15	Novel Curcumin-Diethyl Fumarate Hybrid as a Dualistic GSK-3 β Inhibitor/Nrf2 Inducer for the Treatment of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2728-2740.	3.5	28
16	The Kallmann syndrome gene homolog in <i>C. elegans</i> is involved in epidermal morphogenesis and neurite branching. <i>Development (Cambridge)</i> , 2002, 129, 1283-94.	2.5	27
17	The G Protein regulators EGL-10 and EAT-16, the G α GOA-1 and the G α EGL-30 modulate the response of the <i>C. elegans</i> polymodal nociceptive sensory neurons to repellents. <i>BMC Biology</i> , 2010, 8, 138.	3.8	23
18	WDR79/TCAB1 plays a conserved role in the control of locomotion and ameliorates phenotypic defects in SMA models. <i>Neurobiology of Disease</i> , 2017, 105, 42-50.	4.4	22

#	ARTICLE	IF	CITATIONS
19	Neuron-specific knock-down of SMN1 causes neuron degeneration and death through an apoptotic mechanism. <i>Human Molecular Genetics</i> , 2016, 25, ddw119.	2.9	21
20	<i>Caenorhabditis elegans</i> employs innate and learned aversion in response to bacterial toxic metabolites tambjamine and violacein. <i>Scientific Reports</i> , 2016, 6, 29284.	3.3	19
21	UMODL1/Olfactorin is an extracellular membrane-bound molecule with a restricted spatial expression in olfactory and vomeronasal neurons. <i>European Journal of Neuroscience</i> , 2005, 21, 3291-3300.	2.6	18
22	Histone demethylase KDM5C is a SAHA-sensitive central hub at the crossroads of transcriptional axes involved in multiple neurodevelopmental disorders. <i>Human Molecular Genetics</i> , 2019, 28, 4089-4102.	2.9	18
23	Automated screening of <i>C. elegans</i> neurodegeneration mutants enabled by microfluidics and image analysis algorithms. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 539-548.	1.3	17
24	Exploratory analysis of transposable elements expression in the <i>C. elegans</i> early embryo. <i>BMC Bioinformatics</i> , 2019, 20, 484.	2.6	17
25	Co-occurring WARS2 and CHRNA6 mutations in a child with a severe form of infantile parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2020, 72, 75-79.	2.2	16
26	Invertebrate Models of Kallmann Syndrome: Molecular Pathogenesis and New Disease Genes. <i>Current Genomics</i> , 2013, 14, 2-10.	1.6	14
27	<i>C. elegans</i> expressing D76N β 2-microglobulin: a model for in vivo screening of drug candidates targeting amyloidosis. <i>Scientific Reports</i> , 2019, 9, 19960.	3.3	14
28	A novel dominant-negative FGFR1 variant causes Hartsfield syndrome by deregulating RAS/ERK1/2 pathway. <i>European Journal of Human Genetics</i> , 2019, 27, 1113-1120.	2.8	12
29	A <i>Caenorhabditis elegans</i> model to study dopamine transporter deficiency syndrome. <i>European Journal of Neuroscience</i> , 2017, 45, 207-214.	2.6	11
30	Impairment of the neurotrophic signaling hub B-Raf contributes to motoneuron degeneration in spinal muscular atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2007785118.	7.1	11
31	Extracellular Vesicles From Microalgae: Uptake Studies in Human Cells and <i>Caenorhabditis elegans</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 830189.	4.1	11
32	TFEB Regulates ATP7B Expression to Promote Platinum Chemoresistance in Human Ovarian Cancer Cells. <i>Cells</i> , 2022, 11, 219.	4.1	10
33	Silencing of Syntaxin 1A in the Dopaminergic Neurons Decreases the Activity of the Dopamine Transporter and Prevents Amphetamine-Induced Behaviors in <i>C. elegans</i> . <i>Frontiers in Physiology</i> , 2018, 9, 576.	2.8	9
34	Protective effect of <i>Vigna unguiculata</i> extract against aging and neurodegeneration. <i>Aging</i> , 2020, 12, 19785-19808.	3.1	9
35	Kallmann's syndrome and normosmic isolated hypogonadotropic hypogonadism: two largely overlapping manifestations of one rare disorder. <i>Journal of Endocrinological Investigation</i> , 2014, 37, 499-500.	3.3	8
36	Deregulation of microtubule organization and RNA metabolism in <i>Arx</i> models for lissencephaly and developmental epileptic encephalopathy. <i>Human Molecular Genetics</i> , 2022, 31, 1884-1908.	2.9	6

#	ARTICLE	IF	CITATIONS
37	Mimicking human riboflavin responsive neuromuscular disorders by silencing <i>flad-1</i> gene in <i>C. elegans</i> : Alteration of vitamin transport and cholinergic transmission. <i>IUBMB Life</i> , 2022, 74, 672-683.	3.4	5
38	Investigating the Role of the Host Multidrug Resistance Associated Protein Transporter Family in <i>Burkholderia cepacia</i> Complex Pathogenicity Using a <i>Caenorhabditis elegans</i> Infection Model. <i>PLoS ONE</i> , 2015, 10, e0142883.	2.5	4
39	Green kiwifruit extracts protect motor neurons from death in a spinal muscular atrophy model in <i>Caenorhabditis elegans</i> . <i>Food Science and Nutrition</i> , 2019, 7, 2327-2335.	3.4	4
40	A Single Amino Acid Residue Regulates PTEN-Binding and Stability of the Spinal Muscular Atrophy Protein SMN. <i>Cells</i> , 2020, 9, 2405.	4.1	4
41	Evaluation of <i>Burkholderia cepacia</i> Complex Bacteria Pathogenicity Using <i>Caenorhabditis elegans</i> . <i>Bio-protocol</i> , 2016, 6, .	0.4	3
42	Anosmin-1-Like Effect of UMODL1/Olfactorin on the Chemomigration of Mouse GnRH Neurons and Zebrafish Olfactory Axons Development. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 836179.	3.7	0