Emmanuel Culetto

List of Publications by Year
in descending order

25	1,572	567281 15	610901 24
papers	citations	h-index	g-index

28	28	28	4542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Postfertilization Autophagy of Sperm Organelles Prevents Paternal Mitochondrial DNA Transmission. Science, 2011, 334, 1144-1147.	12.6	426
2	A role for Caenorhabditis elegans in understanding the function and interactions of human disease genes. Human Molecular Genetics, 2000, 9, 869-877.	2.9	222
3	Novel Putative Nicotinic Acetylcholine Receptor Subunit Genes, DÎ±5, DÎ±6 and DÎ±7, in Drosophila melanogaster Identify a New and Highly Conserved Target of Adenosine Deaminase Acting on RNA-Mediated A-to-I Pre-mRNA Editing. Genetics, 2002, 160, 1519-1533.	2.9	165
4	The Caenorhabditis elegans unc-63 Gene Encodes a Levamisole-sensitive Nicotinic Acetylcholine Receptor Î± Subunit. Journal of Biological Chemistry, 2004, 279, 42476-42483.	3.4	148
5	The Caenorhabditis Elegans Orthologue of the Human Gene Responsible for Spinal Muscular Atrophy Is a Maternal Product Critical for Germline Maturation and Embryonic Viability. Human Molecular Genetics, 1999, 8, 2133-2143.	2.9	112
6	ESCRT and autophagies: Endosomal functions and beyond. Seminars in Cell and Developmental Biology, 2018, 74, 21-28.	5.0	82
7	Qri7/OSGEPL, the mitochondrial version of the universal Kae1/YgjD protein, is essential for mitochondrial genome maintenance. Nucleic Acids Research, 2009, 37, 5343-5352.	14.5	55
8	Existence of four acetylcholinesterase genes in the nematodesCaenorhabditis elegansandCaenorhabditis briggsae1. FEBS Letters, 1998, 424, 279-284.	2.8	53
9	Allophagy. Autophagy, 2012, 8, 421-423.	9.1	53
10	Induction of autophagy in ESCRT mutants is an adaptive response for cell survival in C. elegans. Journal of Cell Science, 2012, 125, 685-694.	2.0	50
11	Structure and promoter activity of the 5â€² flanking region of ace-1, the gene encoding acetylcholinesterase of class A in Caenorhabditis elegans. Journal of Molecular Biology, 1999, 290, 951-966.	4.2	42
12	Autophagy facilitates mitochondrial rebuilding after acute heat stress via a DRP-1â€“dependent process. Journal of Cell Biology, 2021, 220, .	5.2	21
13	Four acetylcholinesterase genes in the nematode Caenorhabditis elegans. Journal of Physiology (Paris), 1998, 92, 363-367.	2.1	20
14	Differential expression pattern of the four mitochondrial adenine nucleotide transporter ant genes and their roles during the development of Caenorhabditis elegans. Developmental Dynamics, 2008, 237, 1668-1681.	1.8	20
15	Need an ESCRT for autophagosomal maturation?. Communicative and Integrative Biology, 2012, 5, 566-571.	1.4	20
16	Characterization of a null mutation inace-1, the gene encoding class A acetylcholinesterase in the nematodeCaenorhabditis elegans. FEBS Letters, 1995, 357, 265-268.	2.8	15
17	Mitophagy during development and stress in C. elegans. Mechanisms of Ageing and Development, 2020, 189, 111266.	4.6	13
18	The ESCRT-II proteins are involved in shaping the sarcoplasmic reticulum. Journal of Cell Science, 2016, 129, 1490-9.	2.0	12

#	Article	IF	Citations
19	Functional Genomics of Ionotropic Acetylcholine Receptors in Caenorhabditis elegans and Drosophila melanogaster. Novartis Foundation Symposium, 2008, , 240-260.	1.1	11
20	Cloning and developmental expression analysis of ltd-1, the Caenorhabditis elegans homologue of the mouse kyphoscoliosis (ky) gene. Mechanisms of Development, 2002, 117, 289-292.	1.7	9
21	Sequence comparison ofACE-1, the gene encoding acetylcholinesterase of class A, in the two nematodesCaenorhabditis elegansandCaenorhabditis briggsae. DNA Sequence, 1996, 6, 217-227.	0.7	8
22	The strange case of Drp1 in autophagy: Jekyll and Hyde?. BioEssays, 2022, 44, e2100271.	2.5	6
23	Interactions Between Endosomal Maturation and Autophagy. Methods in Enzymology, 2014, 534, 93-118.	1.0	5
24	A DRP-1 dependent autophagy process facilitates rebuilding of the mitochondrial network and modulates adaptation capacity in response to acute heat stress during C. elegans development. Autophagy, 2021, 17, 2654-2655.	9.1	3
25	Subcellular Localization of ESCRT-II in the Nematode C. elegans by Correlative Light Electron Microscopy. Methods in Molecular Biology, 2019, 1998, 49-61.	0.9	0