

# Federico Caicci

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,305  
citations

516561

16  
h-index

377752

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological evidence that the molecularly determined <i>Ciona intestinalis</i> type A and type B are different species: <i>Ciona robusta</i> and <i>Ciona intestinalis</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2015, 53, 186-193.	0.6	206
2	Regulation of ER-mitochondria contacts by Parkin via Mfn2. <i>Pharmacological Research</i> , 2018, 138, 43-56.	3.1	152
3	Morphological Differences between Larvae of the <i>Ciona intestinalis</i> Species Complex: Hints for a Valid Taxonomic Definition of Distinct Species. <i>PLoS ONE</i> , 2015, 10, e0122879.	1.1	88
4	Neurogenic and non-neurogenic placodes in ascidians. <i>The Journal of Experimental Zoology</i> , 2004, 302B, 483-504.	1.4	86
5	Mitochondria-rough-ER contacts in the liver regulate systemic lipid homeostasis. <i>Cell Reports</i> , 2021, 34, 108873.	2.9	76
6	USP14 inhibition corrects an <i>in vivo</i> model of impaired mitophagy. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	69
7	<i>In vitro</i> exposure of haemocytes of the clam <i>Ruditapes philippinarum</i> to titanium dioxide (TiO <sub>2</sub> ) nanoparticles: Nanoparticle characterisation, effects on phagocytic activity and internalisation of nanoparticles into haemocytes. <i>Marine Environmental Research</i> , 2015, 103, 11-17.	1.1	58
8	Regulation of Mitochondrial Electron Transport Chain Assembly. <i>Journal of Molecular Biology</i> , 2018, 430, 4849-4873.	2.0	58
9	Effect of polyphenolic phytochemicals on ectopic oxidative phosphorylation in rod outer segments of bovine retina. <i>British Journal of Pharmacology</i> , 2015, 172, 3890-3903.	2.7	30
10	New findings in ATP supply in rod outer segments: Insights for retinopathies. <i>Biology of the Cell</i> , 2013, 105, 345-358.	0.7	27
11	Generation of a Functioning and Self-Renewing Diaphragmatic Muscle Construct. <i>Stem Cells Translational Medicine</i> , 2019, 8, 858-869.	1.6	27
12	Differentiation of papillae and rostral sensory neurons in the larva of the ascidian <i>Botryllus schlosseri</i> (Tunicata). <i>Journal of Comparative Neurology</i> , 2010, 518, 547-566.	0.9	25
13	Sexual and asexual development: two distinct programs producing the same tunicate. <i>Cell Reports</i> , 2021, 34, 108681.	2.9	25
14	Allogenic tissue-specific decellularized scaffolds promote long-term muscle innervation and functional recovery in a surgical diaphragmatic hernia model. <i>Acta Biomaterialia</i> , 2019, 89, 115-125.	4.1	24
15	Extracellular Vesicles Secreted by Mesenchymal Stromal Cells Exert Opposite Effects to Their Cells of Origin in Murine Sodium Dextran Sulfate-Induced Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 627605.	2.2	23
16	Inhibition of the deubiquitinase USP8 corrects a <i>Drosophila</i> PINK1 model of mitochondria dysfunction. <i>Life Science Alliance</i> , 2019, 2, e201900392.	1.3	22
17	Functional expression of electron transport chain complexes in mouse rod outer segments. <i>Biochimie</i> , 2014, 102, 78-82.	1.3	21
18	Testing an unusual <i>in vivo</i> vessel network model: a method to study angiogenesis in the colonial tunicate <i>Botryllus schlosseri</i> . <i>Scientific Reports</i> , 2014, 4, 6460.	1.6	21

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19	Investigating mitochondrial autophagy by routine transmission electron microscopy: Seeing is believing?. <i>Pharmacological Research</i> , 2020, 160, 105097.	3.1	21
20	Differential expression of the five redox complexes in the retinal mitochondria or rod outer segment disks is consistent with their different functionality. <i>FASEB BioAdvances</i> , 2020, 2, 315-324.	1.3	17
21	Modulation of the rod outer segment aerobic metabolism diminishes the production of radicals due to light absorption. <i>Free Radical Biology and Medicine</i> , 2018, 117, 110-118.	1.3	16
22	Extramitochondrial energy production in platelets. <i>Biology of the Cell</i> , 2018, 110, 97-108.	0.7	16
23	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. <i>Cell Death and Differentiation</i> , 2020, 27, 2749-2767.	5.0	16
24	Myocardial overexpression of ANKRD1 causes sinus venosus defects and progressive diastolic dysfunction. <i>Cardiovascular Research</i> , 2020, 116, 1458-1472.	1.8	15
25	Muscle functional recovery is driven by extracellular vesicles combined with muscle extracellular matrix in a volumetric muscle loss murine model. <i>Biomaterials</i> , 2021, 269, 120653.	5.7	15
26	Proteome of Bovine Mitochondria and Rod Outer Segment Disks: Commonalities and Differences. <i>Journal of Proteome Research</i> , 2018, 17, 918-925.	1.8	14
27	An intracellular adrenomedullin system reduces IL-6 release via a NF- $\kappa$ B-mediated, cAMP-independent transcriptional mechanism in rat thymic epithelial cells. <i>Cytokine</i> , 2016, 88, 136-143.	1.4	13
28	Autophagic flux inhibition enhances cytotoxicity of the receptor tyrosine kinase inhibitor ponatinib. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 195.	3.5	12
29	Amphioxus neuroglia: Molecular characterization and evidence for early compartmentalization of the developing nerve cord. <i>Glia</i> , 2021, 69, 1654-1678.	2.5	12
30	Variability of hair cells in the coronal organ of ascidians (Chordata, Tunicata). <i>Canadian Journal of Zoology</i> , 2010, 88, 567-578.	0.4	10
31	Two distinct evolutionary conserved neural degeneration pathways characterized in a colonial chordate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	10
32	The haemocytes of the salp <i>Thalia democratica</i> (Tunicata, Thaliacea): an ultrastructural and histochemical study in the oozoid. <i>Acta Zoologica</i> , 2014, 95, 375-391.	0.6	9
33	Confirmation of the Cardioprotective Effect of MitoGamide in the Diabetic Heart. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 823-834.	1.3	9
34	Sclareol modulates free radical production in the retinal rod outer segment by inhibiting the ectopic f1fo-atp synthase. <i>Free Radical Biology and Medicine</i> , 2020, 160, 368-375.	1.3	9
35	Inhibitory Action of Antidiabetic Drugs on the Free Radical Production by the Rod Outer Segment Ectopic Aerobic Metabolism. <i>Antioxidants</i> , 2020, 9, 1133.	2.2	9
36	The displacement of frataxin from the mitochondrial cristae correlates with abnormal respiratory supercomplexes formation and bioenergetic defects in cells of Friedreich ataxia patients. <i>FASEB Journal</i> , 2021, 35, e21362.	0.2	9

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37	Questions on unusual Mimivirus-like structures observed in human cells. F1000Research, 2017, 6, 262.	0.8	8
38	Spawning induction, development and culturing of the solitary ascidian Polycarpa mytiligera, an emerging model for regeneration studies. Frontiers in Zoology, 2020, 17, 19.	0.9	5
39	The diterpene Manool extracted from Salvia tingitana lowers free radical production in retinal rod outer segments by inhibiting the extramitochondrial F <sub>1</sub> F <sub>0</sub> ATP synthase. Cell Biochemistry and Function, 2021, 39, 528-535.	1.4	4
40	Morphological Study and 3D Reconstruction of the Larva of the Ascidian Halocynthia roretzi. Journal of Marine Science and Engineering, 2022, 10, 11.	1.2	4
41	Evidence of Oxidative Phosphorylation in Zebrafish Photoreceptor Outer Segments at Different Larval Stages. Journal of Histochemistry and Cytochemistry, 2018, 66, 497-509.	1.3	3
42	Immunological response to bacterial infection in a pelagic tunicate: Inflammation in the salp Thalia democratica. Journal of Invertebrate Pathology, 2018, 159, 28-40.	1.5	3
43	Interaction Between Mitochondrial DNA Variants and Mitochondria/Endoplasmic Reticulum Contact Sites: A Perspective Review. DNA and Cell Biology, 2020, 39, 1431-1443.	0.9	1
44	Discovery and description of the first human Retro-Giant virus. F1000Research, 0, 7, 1005.	0.8	1
45	Temperature-Related Effects of Myocardial Protection Strategies in Swine Hearts after Prolonged Warm Ischemia. Antioxidants, 2022, 11, 476.	2.2	1
46	Discovery and description of the first human Retro-Giant virus. F1000Research, 0, 7, 1005.	0.8	0