

# Silvia Campello

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

7,077  
citations

236925

25  
h-index

223800

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

16845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Orchestration of lymphocyte chemotaxis by mitochondrial dynamics. <i>Journal of Experimental Medicine</i> , 2006, 203, 2879-2886.	8.5	296
3	Mitochondrial shape changes: orchestrating cell pathophysiology. <i>EMBO Reports</i> , 2010, 11, 678-684.	4.5	262
4	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. <i>EMBO Journal</i> , 2011, 30, 1195-1208.	7.8	206
5	Mitochondrial Dynamics Protein Drp1 Is Overexpressed in Oncocytic Thyroid Tumors and Regulates Cancer Cell Migration. <i>PLoS ONE</i> , 2015, 10, e0122308.	2.5	151
6	<i>S</i> -nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3388-E3397.	7.1	128
7	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. <i>Journal of Cell Biology</i> , 2016, 215, 841-856.	5.2	116
8	Plant polyphenols inhibit VacA, a toxin secreted by the gastric pathogen <i>Helicobacter pylori</i> . <i>FEBS Letters</i> , 2003, 543, 184-189.	2.8	84
9	Drp1 Controls Effective T Cell Immune-Surveillance by Regulating T Cell Migration, Proliferation, and cMyc-Dependent Metabolic Reprogramming. <i>Cell Reports</i> , 2018, 25, 3059-3073.e10.	6.4	82
10	Mitophagy in neurodegenerative diseases. <i>Neurochemistry International</i> , 2018, 117, 156-166.	3.8	79
11	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. <i>Nature</i> , 2021, 592, 799-803.	27.8	78
12	The mitochondrial dynamics in cancer and immune-surveillance. <i>Seminars in Cancer Biology</i> , 2017, 47, 29-42.	9.6	77
13	Mitochondrial dismissal in mammals, from protein degradation to mitophagy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 451-460.	1.0	70
14	Bax Does Not Directly Participate in the Ca <sup>2+</sup> -induced Permeability Transition of Isolated Mitochondria. <i>Journal of Biological Chemistry</i> , 2004, 279, 37415-37422.	3.4	65
15	AMBRA1-Mediated Mitophagy Counteracts Oxidative Stress and Apoptosis Induced by Neurotoxicity in Human Neuroblastoma SH-SY5Y Cells. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 92.	3.7	57
16	Adhesion shapes T cells for prompt and sustained T-cell receptor signalling. <i>EMBO Journal</i> , 2010, 29, 4035-4047.	7.8	55
17	Mitochondrial Dynamics in Cancer and Neurodegenerative and Neuroinflammatory Diseases. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-13.	2.5	54
18	Mitochondria dynamism: of shape, transport and cell migration. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2313-24.	5.4	53

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19	The Close Interconnection between Mitochondrial Dynamics and Mitophagy in Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 81.	2.8	50
20	Targeting Drp1 and mitochondrial fission for therapeutic immune modulation. <i>Pharmacological Research</i> , 2019, 146, 104317.	7.1	35
21	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018, 47, 592-607.e6.	7.0	34
22	Vacuolation induced by VacA toxin of <i>Helicobacter pylori</i> requires the intracellular accumulation of membrane permeant bases, Cl <sup>-</sup> and water. <i>FEBS Letters</i> , 2001, 508, 479-483.	2.8	30
23	The properties of the mitochondrial megachannel in mitoplasts from human colon carcinoma cells are not influenced by Bax. <i>FEBS Letters</i> , 2005, 579, 3695-3700.	2.8	27
24	Macroautophagy inhibition maintains fragmented mitochondria to foster T cell receptor-dependent apoptosis. <i>EMBO Journal</i> , 2016, 35, 1793-1809.	7.8	27
25	Reversible induction of mitophagy by an optogenetic bimodular system. <i>Nature Communications</i> , 2019, 10, 1533.	12.8	27
26	Changing perspective on oncometabolites: from metabolic signature of cancer to tumorigenic and immunosuppressive agents. <i>Oncotarget</i> , 2016, 7, 46692-46706.	1.8	25
27	T lymphocytes against solid malignancies: winning ways to defeat tumours. <i>Cell Stress</i> , 2018, 2, 200-212.	3.2	22
28	Targeting cancer stem cells in medulloblastoma by inhibiting AMBRA1 dual function in autophagy and STAT3 signalling. <i>Acta Neuropathologica</i> , 2021, 142, 537-564.	7.7	21
29	Migrasomes, new vesicles as Hansel and Gretel white pebbles?. <i>Biology Direct</i> , 2022, 17, 8.	4.6	19
30	Epigenetic heterogeneity affects the risk of relapse in children with t(8;21)RUNX1-RUNX1T1-rearranged AML. <i>Leukemia</i> , 2018, 32, 1124-1134.	7.2	17
31	JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. <i>Cell Death and Differentiation</i> , 2020, 27, 2749-2767.	11.2	16
32	How the Loop and Middle Regions Influence the Properties of <i>Helicobacter pylori</i> VacA Channels. <i>Biophysical Journal</i> , 2001, 81, 3204-3215.	0.5	15
33	Monitoring the Mitochondrial Dynamics in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1782, 267-285.	0.9	15
34	PD-1-induced T cell exhaustion is controlled by a Drp1-dependent mechanism. <i>Molecular Oncology</i> , 2022, 16, 188-205.	4.6	15
35	A methodology to study chemotaxis in 3D collagen gels. <i>AICHE Journal</i> , 2013, 59, 4025-4035.	3.6	14
36	Non-apoptotic roles for death-related molecules: When mitochondria chose cell fate. <i>Experimental Cell Research</i> , 2012, 318, 1309-1315.	2.6	9

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37	Autophagy inhibition and mitochondrial remodeling join forces to amplify apoptosis in activation-induced cell death. <i>Autophagy</i> , 2016, 12, 2496-2497.	9.1	8
38	Thioridazine requires calcium influx to induce MLL-AF6 rearranged AML cell death. <i>Blood Advances</i> , 2020, 4, 4417-4429.	5.2	8
39	The long non-coding RNA CDK6-AS1 overexpression impacts on acute myeloid leukemia differentiation and mitochondrial dynamics. <i>IScience</i> , 2021, 24, 103350.	4.1	6
40	The vacuolating toxin of <i>Helicobacter pylori</i> mimicks the CFTR-mediated chloride conductance. <i>FEBS Letters</i> , 2002, 532, 237-240.	2.8	5
41	PLK1 inhibition selectively induces apoptosis in ARID1A deficient cells through uncoupling of oxygen consumption from ATP production. <i>Oncogene</i> , 2022, 41, 1986-2002.	5.9	5
42	Following Mitochondria Dynamism: Confocal Analysis of the Organelle Morphology. <i>Methods in Molecular Biology</i> , 2015, 1241, 153-161.	0.9	4
43	Recirculation and Residency of T Cells and Tregs: Lessons Learnt in Anacapri. <i>Frontiers in Immunology</i> , 2020, 11, 682.	4.8	3
44	Mature Erythrocytes of Iguana iguana (Squamata, Iguanidae) Possess Functional Mitochondria. <i>PLoS ONE</i> , 2015, 10, e0136770.	2.5	3
45	Ho(a)xing Autophagy to Regulate Development. <i>Developmental Cell</i> , 2014, 28, 3-4.	7.0	2
46	Following the Dynamism of the Mitochondrial Network in T Cells. <i>Methods in Molecular Biology</i> , 2021, 2310, 287-299.	0.9	1
47	Fanconi Anemia Genes, of Menders and Sweepers. <i>Developmental Cell</i> , 2016, 37, 299-300.	7.0	0
48	The Mitochondrial Pathway: Focus on Shape Changes. , 2009, , 151-175.		0
49	The Long Noncoding RNA BALR2 Controls Novel Transcriptional Circuits Involved in Chemotherapy Sensitivity of Pediatric Acute Myeloid Leukemia (AML) Blasts. <i>Blood</i> , 2019, 134, 2734-2734.	1.4	0