

Davide Malagoli

List of Publications by Year in descending order

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74
papers

4,628
citations

304368

22
h-index

98622

67
g-index

76
all docs

76
docs citations

76
times ranked

11079
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
2	Stress and immune response in the mussel <i>Mytilus galloprovincialis</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 171-177.	1.6	90
3	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. <i>Autophagy</i> , 2010, 6, 575-588.	4.3	77
4	Common evolutionary origin of the immune and neuroendocrine systems: from morphological and functional evidence to in silico approaches. <i>Trends in Immunology</i> , 2007, 28, 497-502.	2.9	73
5	The evolution of the adipose tissue: A neglected enigma. <i>General and Comparative Endocrinology</i> , 2011, 174, 1-4.	0.8	68
6	Skin wound healing in different aged <i>Xenopus laevis</i> . <i>Journal of Morphology</i> , 2013, 274, 956-964.	0.6	58
7	Immunomodulation by recombinant human interleukin-8 and its signal transduction pathways in invertebrate hemocytes. <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 506-513.	2.4	49
8	Targets and Effects of Yessotoxin, Okadaic Acid and Palytoxin: A Differential Review. <i>Marine Drugs</i> , 2010, 8, 658-677.	2.2	46
9	Lysosomes as the target of yessotoxin in invertebrate and vertebrate cell lines. <i>Toxicology Letters</i> , 2006, 167, 75-83.	0.4	45
10	Synergistic role of cAMP and IP3 in corticotropin-releasing hormone-induced cell shape changes in invertebrate immunocytes. <i>Peptides</i> , 2000, 21, 175-182.	1.2	40
11	Effects of the marine toxins okadaic acid and palytoxin on mussel phagocytosis. <i>Fish and Shellfish Immunology</i> , 2008, 24, 180-186.	1.6	40
12	Growth Factors and Chemokines: A Comparative Functional Approach Between Invertebrates and Vertebrates. <i>Current Medicinal Chemistry</i> , 2006, 13, 2737-2750.	1.2	39
13	Comparative analysis of circulating hemocytes of the freshwater snail <i>Pomacea canaliculata</i> . <i>Fish and Shellfish Immunology</i> , 2013, 34, 1260-1268.	1.6	38
14	Ecoimmunology: is there any room for the neuroendocrine system?. <i>BioEssays</i> , 2008, 30, 868-874.	1.2	35
15	Circulating phagocytes: the ancient and conserved interface between immune and neuroendocrine function. <i>Biological Reviews</i> , 2017, 92, 369-377.	4.7	31
16	Oligomycin A induces autophagy in the IPLB-LdFB insect cell line. <i>Cell and Tissue Research</i> , 2006, 326, 179-186.	1.5	30
17	Epigenetic modification in neurons of the mollusc <i>Pomacea canaliculata</i> after immune challenge. <i>Brain Research</i> , 2013, 1537, 18-26.	1.1	30
18	Purification and characterization of phenoloxidase from the hemocytes of <i>Eurygaster integriceps</i> (Hemiptera: Scutelleridae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 158, 117-123.	0.7	29

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19	50 Hz magnetic fields activate mussel immunocyte p38 MAP kinase and induce HSP70 and 90. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 137, 75-79.	1.3	28
20	Yessotoxin affects fMLP-induced cell shape changes in <i>Mytilus galloprovincialis</i> immunocytes. <i>Cell Biology International</i> , 2004, 28, 57-61.	1.4	27
21	Effects of 50-Hz magnetic fields on the signalling pathways of fMLP-induced shape changes in invertebrate immunocytes: the activation of an alternative "stress pathway". <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1620, 185-190.	1.1	24
22	Effects of repeated hemolymph withdrawals on the hemocyte populations and hematopoiesis in <i>Pomacea canaliculata</i> . <i>Fish and Shellfish Immunology</i> , 2014, 38, 56-64.	1.6	24
23	The mineralization process of insoluble elastin fibrillar structures: Ionic environment vs degradation. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 693-706.	3.6	24
24	TP53 codon 72 polymorphism affects accumulation of mtDNA damage in human cells. <i>Aging</i> , 2012, 4, 28-39.	1.4	23
25	Molluscs as Models for Translational Medicine. <i>Medical Science Monitor Basic Research</i> , 2015, 21, 96-99.	2.6	22
26	Effects of 50 Hz magnetic fields on fMLP-induced shape changes in invertebrate immunocytes: The role of calcium ion channels. <i>Bioelectromagnetics</i> , 2003, 24, 277-282.	0.9	21
27	Methoxyfenozide and pyriproxifen alter the cellular immune reactions of <i>Eurygaster integriceps</i> Puton (Hemiptera: Scutelleridae) against <i>Beauveria bassiana</i> . <i>Pesticide Biochemistry and Physiology</i> , 2012, 102, 30-37.	1.6	21
28	Algal toxin yessotoxin signalling pathways involve immunocyte mussel calcium channels. <i>Cell Biology International</i> , 2006, 30, 721-726.	1.4	20
29	Inflammatory Response in Molluscs: Cross-Taxa and Evolutionary Considerations. <i>Current Pharmaceutical Design</i> , 2010, 16, 4160-4165.	0.9	20
30	Toward the Molecular Deciphering of <i>Pomacea canaliculata</i> Immunity: First Proteomic Analysis of Circulating Hemocytes. <i>Proteomics</i> , 2019, 19, e1800314.	1.3	20
31	THE EFFECTS OF PARASITE-DERIVED IMMUNE-SUPPRESSIVE FACTORS ON THE CELLULAR INNATE IMMUNE AND AUTOIMMUNE RESPONSES OF <i>DROSOPHILA MELANOGASTER</i> *. <i>Journal of Parasitology</i> , 2004, 90, 1139-1149.	0.3	19
32	Neuropeptide S stimulates human monocyte chemotaxis via NPS receptor activation. <i>Peptides</i> , 2013, 39, 16-20.	1.2	19
33	Evaluation of the effects of the marine toxin okadaic acid by using FETAX assay. <i>Toxicology Letters</i> , 2007, 169, 145-151.	0.4	18
34	INVOLVEMENT OF PI 3-KINASE, PKA AND PKC IN PDGF- AND TGF- β -MEDIATED PREVENTION OF 2-DEOXY-D-RIBOSE-INDUCED APOPTOSIS IN THE INSECT CELL LINE, IPLB-LdFB. <i>Cell Biology International</i> , 2001, 25, 171-177.	1.4	17
35	Temperature and Ca ²⁺ ion as modulators in cellular immunity of the Sunn pest <i>Eurygaster integriceps</i> Puton (Heteroptera: Scutelleridae). <i>Entomological Research</i> , 2009, 39, 364-371.	0.6	17
36	Cross-talk among immune and neuroendocrine systems in molluscs and other invertebrate models. <i>Hormones and Behavior</i> , 2017, 88, 41-44.	1.0	17

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37	A prokineticin-like protein responds to immune challenges in the gastropod pest <i>Pomacea canaliculata</i> . <i>Developmental and Comparative Immunology</i> , 2017, 72, 37-43.	1.0	16
38	50 Hz magnetic fields of varying flux intensity affect cell shape changes in invertebrate immunocytes: The role of potassium ion channels. <i>Bioelectromagnetics</i> , 2002, 23, 292-297.	0.9	14
39	Cytokines and Invertebrates: TGF- β and PDGF. <i>Current Pharmaceutical Design</i> , 2006, 12, 3025-3031.	0.9	14
40	A putative helical cytokine functioning in innate immune signalling in <i>Drosophila melanogaster</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 974-978.	1.1	14
41	Cytotoxicity as a marker of mussel health status. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 359-362.	0.4	13
42	Expression of the genes <i>siamois</i> , <i>engrailed-2</i> , <i>bmp4</i> and <i>myf5</i> during <i>Xenopus</i> development in presence of the marine toxins okadaic acid and palytoxin. <i>Chemosphere</i> , 2009, 77, 308-312.	4.2	13
43	The main actors involved in parasitization of <i>Heliiothis virescens</i> larva. <i>Cell and Tissue Research</i> , 2012, 350, 491-502.	1.5	13
44	Platelet-derived growth factor and transforming growth factor- β induce shape changes in invertebrate immunocytes via multiple signalling pathways and provoke the expression of Fos-, Jun- and SMAD-family members. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1999, 122, 389-395.	0.7	12
45	ProCRH in the teleost <i>Ameiurus nebulosus</i> : gene cloning and role in LPS-induced stress response. <i>Brain, Behavior, and Immunity</i> , 2004, 18, 451-457.	2.0	12
46	Cell-death mechanisms in the IPLB-LdFB insect cell line: a nuclear located Bcl-2-like molecule as a possible controller of 2-deoxy-D-ribose-mediated DNA fragmentation. <i>Cell and Tissue Research</i> , 2005, 320, 337-343.	1.5	12
47	Relationship Between Mitochondrial Structure and Bioenergetics in <i>Pseudoxanthoma elasticum</i> Dermal Fibroblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 610266.	1.8	12
48	Oligomycin A and the IPLB-LdFB insect cell line: Actin and mitochondrial responses. <i>Cell Biology International</i> , 2008, 32, 287-292.	1.4	10
49	unpaired (<i>upd</i>)-3 expression and other immune-related functions are stimulated by interleukin-8 in <i>Drosophila melanogaster</i> SL2 cell line. <i>Cytokine</i> , 2008, 44, 269-274.	1.4	10
50	Cell Death in the IPLB-LdFB Insect Cell Line: Facts and Implications. <i>Current Pharmaceutical Design</i> , 2008, 14, 126-130.	0.9	10
51	The Immune Response of the Invasive Golden Apple Snail to a Nematode-Based Molluscicide Involves Different Organs. <i>Biology</i> , 2020, 9, 371.	1.3	10
52	Chapter Thirty-Eight In Vitro Methods to Monitor Autophagy in Lepidoptera. <i>Methods in Enzymology</i> , 2008, 451, 685-709.	0.4	9
53	New insights into autophagic cell death in the gypsy moth <i>Lymantria dispar</i> : a proteomic approach. <i>Cell and Tissue Research</i> , 2009, 336, 107-118.	1.5	9
54	Life is a huge compromise: Is the complexity of the vertebrate immune-neuroendocrine system an advantage or the price to pay?. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 155, 134-138.	0.8	9

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55	The evolution of pro-opiomelanocortin: Looking for the invertebrate fingerprints. <i>Peptides</i> , 2011, 32, 2137-2140.	1.2	9
56	Nitric oxide induces apoptosis in the fat body cell line IPLB-LdFB from the insect <i>Lymantria dispar</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 247-254.	0.7	8
57	Protein kinases mediate nitric oxide-induced apoptosis in the insect cell line IPLB-LdFB. <i>Cellular and Molecular Life Sciences</i> , 2002, 59, 894-901.	2.4	8
58	Cloning and characterisation of a procorticotrophin-releasing hormone in the IZD-MB-0503 immunocyte line from the insect <i>Mamestra brassicae</i> . <i>Peptides</i> , 2002, 23, 1829-1836.	1.2	7
59	<i>Pomacea canaliculata</i> Ampullar Proteome: A Nematode-Based Bio-Pesticide Induces Changes in Metabolic and Stress-Related Pathways. <i>Biology</i> , 2021, 10, 1049.	1.3	7
60	An anti-Bcl-2 antibody prevents 2-deoxy-D-ribose-induced apoptosis in the IPLB-LdFB insect cell line. <i>Cellular and Molecular Life Sciences</i> , 2001, 58, 653-659.	2.4	6
61	Helical Cytokines and Invertebrate Immunity: A New Field of Research. <i>Scandinavian Journal of Immunology</i> , 2007, 66, 484-485.	1.3	6
62	50 Hz magnetic fields of constant or fluctuating intensity: Effects on immunocytehsp70 in the mussel <i>Mytilus galloprovincialis</i> . <i>Bioelectromagnetics</i> , 2006, 27, 427-429.	0.9	5
63	Hematopoiesis and Hemocytes in Pancrustacean and Molluscan Models. , 2016, , 1-28.		5
64	Presence of and stress-related changes in urocortin-like molecules in neurons and immune cells from the mussel <i>Mytilus galloprovincialis</i> . <i>Peptides</i> , 2007, 28, 1545-1552.	1.2	4
65	Discrepant effects of mammalian factors on molluscan cell motility, chemotaxis and phagocytosis: divergent evolution or finely tuned contingency?. <i>Cell Biology International</i> , 2010, 34, 1091-1094.	1.4	4
66	<i>Drosophila</i> Helical factor is an inducible protein acting as an immune-regulated cytokine in S2 cells. <i>Cytokine</i> , 2012, 58, 280-286.	1.4	4
67	Dermal Alterations in Clinically Unaffected Skin of <i>Pseudoxanthoma elasticum</i> Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 500.	1.0	4
68	A New Protocol of Computer-Assisted Image Analysis Highlights the Presence of Hemocytes in the Regenerating Cephalic Tentacles of Adult <i>Pomacea canaliculata</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5023.	1.8	4
69	Investigation of the loss of byssus in <i>Mytilus galloprovincialis</i> from mussel farms in the Adriatic Sea. <i>Cell Biology International</i> , 2005, 29, 857-860.	1.4	3
70	Thymic Maturation and Programmed Cell Death. , 2014, , 105-124.		3
71	Molecular responses to stress conditions in invertebrate and vertebrate animal models. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, S40-S41.	0.8	1
72	BCL-2 DOES NOT CONTROL PROGRAMMED CELL DEATH IN THE IPLB-LdFB CELL LINE FROM THE INSECT <i>LYMANTRIA DISPAR</i> . <i>Cell Biology International</i> , 2002, 26, 563-566.	1.4	0

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73	Mouse Models as Paradigms of Human Diseases. , 2014, , 163-177.		0
74	Cell Death Pathways in an Unconventional Invertebrate Model. , 2016, , 17-27.		0