Davide Malagoli

List of Publications by Year
in descending order

74 papers	4,628 citations	304743 22 h-index	98798 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. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Stress and immune response in the mussel Mytilus galloprovincialis. Fish and Shellfish Immunology, 2007, 23, 171-177.	3.6	90
3	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. Autophagy, 2010, 6, 575-588.	9.1	77
4	Common evolutionary origin of the immune and neuroendocrine systems: from morphological and functional evidence to in silico approaches. Trends in Immunology, 2007, 28, 497-502.	6.8	73
5	The evolution of the adipose tissue: A neglected enigma. General and Comparative Endocrinology, 2011, 174, 1-4.	1.8	68
6	Skin wound healing in different aged <i>Xenopus laevis</i>. Journal of Morphology, 2013, 274, 956-964.	1.2	58
7	Immunomodulation by recombinant human interleukin-8 and its signal transduction pathways in invertebrate hemocytes. Cellular and Molecular Life Sciences, 2000, 57, 506-513.	5.4	49
8	Targets and Effects of Yessotoxin, Okadaic Acid and Palytoxin: A Differential Review. Marine Drugs, 2010, 8, 658-677.	4.6	46
9	Lysosomes as the target of yessotoxin in invertebrate and vertebrate cell lines. Toxicology Letters, 2006, 167, 75-83.	0.8	45
10	Synergistic role of cAMP and IP3 in corticotropin-releasing hormone-induced cell shape changes in invertebrate immunocytes. Peptides, 2000, 21, 175-182.	2.4	40
11	Effects of the marine toxins okadaic acid and palytoxin on mussel phagocytosis. Fish and Shellfish Immunology, 2008, 24, 180-186.	3.6	40
12	Growth Factors and Chemokines: A Comparative Functional Approach Between Invertebrates and Vertebrates. Current Medicinal Chemistry, 2006, 13, 2737-2750.	2.4	39
13	Comparative analysis of circulating hemocytes of the freshwater snail Pomacea canaliculata. Fish and Shellfish Immunology, 2013, 34, 1260-1268.	3.6	38
14	Ecoimmunology: is there any room for the neuroendocrine system?. BioEssays, 2008, 30, 868-874.	2.5	35
15	Circulating phagocytes: the ancient and conserved interface between immune and neuroendocrine function. Biological Reviews, 2017, 92, 369-377.	10.4	31
16	Oligomycin A induces autophagy in the IPLB-LdFB insect cell line. Cell and Tissue Research, 2006, 326, 179-186.	2.9	30
17	Epigenetic modification in neurons of the mollusc Pomacea canaliculata after immune challenge. Brain Research, 2013, 1537, 18-26.	2.2	30
18	Purification and characterization of phenoloxidase from the hemocytes of Eurygaster integriceps (Hemiptera: Scutelleridae). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2011, 158, 117-123.	1.6	29

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19	50 Hz magnetic fields activate mussel immunocyte p38 MAP kinase and induce HSP70 and 90. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 137, 75-79.	2.6	28
20	Yessotoxin affects fMLP-induced cell shape changes inMytilus galloprovincialis immunocytes. Cell Biology International, 2004, 28, 57-61.	3.0	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 â€œstress pathwayâ€• Biochimica Et Biophysica Acta - General Subjects, 2003, 1620, 185-190.	2.4	24
22	Effects of repeated hemolymph withdrawals on the hemocyte populations and hematopoiesis in Pomacea canaliculata. Fish and Shellfish Immunology, 2014, 38, 56-64.	3.6	24
23	The mineralization process of insoluble elastin fibrillar structures: Ionic environment vs degradation. International Journal of Biological Macromolecules, 2020, 149, 693-706.	7.5	24
24	TP53 codon 72 polymorphism affects accumulation of mtDNA damage in human cells. Aging, 2012, 4, 28-39.	3.1	23
25	Molluscs as Models for Translational Medicine. Medical Science Monitor Basic Research, 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. Bioelectromagnetics, 2003, 24, 277-282.	1.6	21
27	Methoxyfenozide and pyriproxifen alter the cellular immune reactions of Eurygaster integriceps Puton (Hemiptera: Scutelleridae) against Beauveria bassiana. Pesticide Biochemistry and Physiology, 2012, 102, 30-37.	3.6	21
28	Algal toxin yessotoxin signalling pathways involve immunocyte mussel calcium channels. Cell Biology International, 2006, 30, 721-726.	3.0	20
29	Inflammatory Response in Molluscs: Cross-Taxa and Evolutionary Considerations. Current Pharmaceutical Design, 2010, 16, 4160-4165.	1.9	20
30	Toward the Molecular Deciphering of <i>Pomacea canaliculata</i> Immunity: First Proteomic Analysis of Circulating Hemocytes. Proteomics, 2019, 19, e1800314.	2.2	20
31	THE EFFECTS OF PARASITE-DERIVED IMMUNE-SUPPRESSIVE FACTORS ON THE CELLULAR INNATE IMMUNE AND AUTOIMMUNE RESPONSES OF DROSOPHILA MELANOGASTER*. Journal of Parasitology, 2004, 90, 1139-1149.	0.7	19
32	Neuropeptide S stimulates human monocyte chemotaxis via NPS receptor activation. Peptides, 2013, 39, 16-20.	2.4	19
33	Evaluation of the effects of the marine toxin okadaic acid by using FETAX assay. Toxicology Letters, 2007, 169, 145-151.	0.8	18
34	INVOLVEMENT OF PI 3-KINASE, PKA AND PKC IN PDGF- AND TGF-Î²-MEDIATED PREVENTION OF 2-DEOXY-D-RIBOSE-INDUCED APOPTOSIS IN THE INSECT CELL LINE, IPLB-LdFB. Cell Biology International, 2001, 25, 171-177.	3.0	17
35	Temperature and Ca²⁺ ion as modulators in cellular immunity of the Sunn pest <i>Eurygaster integriceps</i> Puton (Heteroptera: Scutelleridae). Entomological Research, 2009, 39, 364-371.	1.1	17
36	Cross-talk among immune and neuroendocrine systems in molluscs and other invertebrate models. Hormones and Behavior, 2017, 88, 41-44.	2.1	17

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37	A prokineticin-like protein responds to immune challenges in the gastropod pest Pomacea canaliculata. Developmental and Comparative Immunology, 2017, 72, 37-43.	2.3	16
38	50 Hz magnetic fields of varying flux intensity affect cell shape changes in invertebrate immunocytes: The role of potassium ion channels. Bioelectromagnetics, 2002, 23, 292-297.	1.6	14
39	Cytokines and Invertebrates: TGF-β and PDGF. Current Pharmaceutical Design, 2006, 12, 3025-3031.	1.9	14
40	A putative helical cytokine functioning in innate immune signalling in Drosophila melanogaster. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 974-978.	2.4	14
41	Cytotoxicity as a marker of mussel health status. Journal of the Marine Biological Association of the United Kingdom, 2005, 85, 359-362.	0.8	13
42	Expression of the genes siamois, engrailed-2, bmp4 and myf5 during Xenopus development in presence of the marine toxins okadaic acid and palytoxin. Chemosphere, 2009, 77, 308-312.	8.2	13
43	The main actors involved in parasitization of Heliothis virescens larva. Cell and Tissue Research, 2012, 350, 491-502.	2.9	13
44	Platelet-derived growth factor and transforming growth factor-Î² induce shape changes in invertebrate immunocytes via multiple signalling pathways and provoke the expression of Fos-, Jun- and SMAD-family members. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1999, 122, 389-395.	1.6	12
45	ProCRH in the teleost Ameiurus nebulosus: gene cloning and role in LPS-induced stress response. Brain, Behavior, and Immunity, 2004, 18, 451-457.	4.1	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. Cell and Tissue Research, 2005, 320, 337-343.	2.9	12
47	Relationship Between Mitochondrial Structure and Bioenergetics in Pseudoxanthoma elasticum Dermal Fibroblasts. Frontiers in Cell and Developmental Biology, 2020, 8, 610266.	3.7	12
48	Oligomycin A and the IPLBâ€LdFB insect cell line: Actin and mitochondrial responses. Cell Biology International, 2008, 32, 287-292.	3.0	10
49	unpaired (upd)-3 expression and other immune-related functions are stimulated by interleukin-8 in Drosophila melanogaster SL2 cell line. Cytokine, 2008, 44, 269-274.	3.2	10
50	Cell Death in the IPLB-LdFB Insect Cell Line: Facts and Implications. Current Pharmaceutical Design, 2008, 14, 126-130.	1.9	10
51	The Immune Response of the Invasive Golden Apple Snail to a Nematode-Based Molluscicide Involves Different Organs. Biology, 2020, 9, 371.	2.8	10
52	Chapter Thirtyâ€Eight In Vitro Methods to Monitor Autophagy in Lepidoptera. Methods in Enzymology, 2008, 451, 685-709.	1.0	9
53	New insights into autophagic cell death in the gypsy moth Lymantria dispar: a proteomic approach. Cell and Tissue Research, 2009, 336, 107-118.	2.9	9
54	Life is a huge compromise: Is the complexity of the vertebrate immune-neuroendocrine system an advantage or the price to pay?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 155, 134-138.	1.8	9

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55	The evolution of pro-opiomelanocortin: Looking for the invertebrate fingerprints. Peptides, 2011, 32, 2137-2140.	2.4	9
56	Nitric oxide induces apoptosis in the fat body cell line IPLB-LdFB from the insect Lymantria dispar. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 247-254.	1.6	8
57	Protein kinases mediate nitric oxide-induced apoptosis in the insect cell line IPLB-LdFB. Cellular and Molecular Life Sciences, 2002, 59, 894-901.	5.4	8
58	Cloning and characterisation of a procorticotrophin-releasing hormone in the IZD-MB-0503 immunocyte line from the insect Mamestra brassicae. Peptides, 2002, 23, 1829-1836.	2.4	7
59	Pomacea canaliculata Ampullar Proteome: A Nematode-Based Bio-Pesticide Induces Changes in Metabolic and Stress-Related Pathways. Biology, 2021, 10, 1049.	2.8	7
60	An anti-Bcl-2 antibody prevents 2-deoxy-D-ribose-induced apoptosis in the IPLB-LdFB insect cell line. Cellular and Molecular Life Sciences, 2001, 58, 653-659.	5.4	6
61	Helical Cytokines and Invertebrate Immunity: A New Field of Research. Scandinavian Journal of Immunology, 2007, 66, 484-485.	2.7	6
62	50 Hz magnetic fields of constant or fluctuating intensity: Effects on immunocytehsp70 in the musselMytilus galloprovincialis. Bioelectromagnetics, 2006, 27, 427-429.	1.6	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 Mytilus galloprovincialis. Peptides, 2007, 28, 1545-1552.	2.4	4
65	Discrepant effects of mammalian factors on molluscan cell motility, chemotaxis and phagocytosis: divergent evolution or finely tuned contingency?. Cell Biology International, 2010, 34, 1091-1094.	3.0	4
66	Drosophila Helical factor is an inducible protein acting as an immune-regulated cytokine in S2 cells. Cytokine, 2012, 58, 280-286.	3.2	4
67	Dermal Alterations in Clinically Unaffected Skin of Pseudoxanthoma elasticum Patients. Journal of Clinical Medicine, 2021, 10, 500.	2.4	4
68	A New Protocol of Computer-Assisted Image Analysis Highlights the Presence of Hemocytes in the Regenerating Cephalic Tentacles of Adult Pomacea canaliculata. International Journal of Molecular Sciences, 2021, 22, 5023.	4.1	4
69	Investigation of the loss of byssus in Mytilus galloprovincialis from mussel farms in the Adriatic Sea. Cell Biology International, 2005, 29, 857-860.	3.0	3
70	Thymic Maturation and Programmed Cell Death. , 2014, , 105-124.		3
71	Molecular responses to stress conditions in invertebrate and vertebrate animal models. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, S40-S41.	1.8	1
72	BCL-2 DOES NOT CONTROL PROGRAMMED CELL DEATH IN THE IPLB-LdFB CELL LINE FROM THE INSECT LYMANTRIA DISPAR. Cell Biology International, 2002, 26, 563-566.	3.0	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