Silvia Franzellitti

List of Publications by Citations

53 papers	1,791 citations	23 h-index	41 g-index
55 ext. papers	2,027 ext. citations	5.2 avg, IF	5.06 L-index

#	Paper	IF	Citations
53	Effects of environmental concentrations of the antiepilectic drug carbamazepine on biomarkers and cAMP-mediated cell signaling in the mussel Mytilus galloprovincialis. *Aquatic Toxicology*, **2009**, 94, 177-85	5.1	165
52	Differential HSP70 gene expression in the Mediterranean mussel exposed to various stressors. *Biochemical and Biophysical Research Communications*, **2005**, 336, 1157-63	3.4	157
51	Human pharmaceuticals in the marine environment: Focus on exposure and biological effects in animal species. *Environmental Toxicology and Chemistry*, **2016**, 35, 799-812	3.8	134
50	Microplastic exposure and effects in aquatic organisms: A physiological perspective. *Environmental Toxicology and Pharmacology*, **2019**, 68, 37-51	5.8	118
49	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. *Aquatic Toxicology*, **2014**, 151, 14-26	5.1	91
48	The Eblocker propranolol affects cAMP-dependent signaling and induces the stress response in Mediterranean mussels, Mytilus galloprovincialis. *Aquatic Toxicology*, **2011**, 101, 299-308	5.1	77
47	The mode of action (MOA) approach reveals interactive effects of environmental pharmaceuticals on Mytilus galloprovincialis. *Aquatic Toxicology*, **2013**, 140-141, 249-56	5.1	70
46	Transient DNA damage induced by high-frequency electromagnetic fields (GSM 1.8 GHz) in the human trophoblast HTR-8/SVneo cell line evaluated with the alkaline comet assay. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **2010**, 683, 35-42	3.3	68
45	Impact of cationic polystyrene nanoparticles (PS-NH) on early embryo development of Mytilus galloprovincialis: Effects on shell formation. *Chemosphere*, **2017**, 186, 1-9	8.4	65
44	Uptake and transcriptional effects of polystyrene microplastics in larval stages of the Mediterranean mussel Mytilus galloprovincialis. *Environmental Pollution*, **2018**, 241, 1038-1047	9.3	62
43	Sequencing and expression pattern of inducible heat shock gene products in the European flat oyster, Ostrea edulis. *Gene*, **2005**, 361, 119-26	3.8	62
42	Impact of bisphenol A (BPA) on early embryo development in the marine mussel Mytilus galloprovincialis: Effects on gene transcription. *Environmental Pollution*, **2016**, 218, 996-1004	9.3	50
41	Oxidative stress parameters induced by exposure to either cadmium or 17Eestradiol on Mytilus galloprovincialis hemocytes. The role of signaling molecules. *Aquatic Toxicology*, **2014**, 146, 186-95	5.1	42
40	A comprehensive evaluation of the environmental quality of a coastal lagoon (Ravenna, Italy): Integrating chemical and physiological analyses in mussels as a biomonitoring strategy. *Science of the Total Environment*, **2017**, 598, 146-159	10.2	41
39	Use of an integrated biomarker-based strategy to evaluate physiological stress responses induced by environmental concentrations of caffeine in the Mediterranean mussel Mytilus galloprovincialis. *Science of the Total Environment*, **2016**, 563-564, 538-48	10.2	39
38	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. *Environmental Pollution*, **2015**, 205, 60-9	9.3	38
37	Cytoprotective responses in the Mediterranean mussel exposed to Hg2+ and CH3Hg+. *Biochemical and Biophysical Research Communications*, **2006**, 351, 719-25	3.4	37

36	Diclofenac affects early embryo development in the marine bivalve Mytilus galloprovincialis. *Science of the Total Environment*, **2018**, 642, 601-609	10.2	31
35	Cyclic-AMP mediated regulation of ABCB mRNA expression in mussel haemocytes. *PLoS ONE*, **2013**, 8, e61634	3.7	28
34	Evaluation of HSP70 expression and DNA damage in cells of a human trophoblast cell line exposed to 1.8 GHz amplitude-modulated radiofrequency fields. *Radiation Research*, **2008**, 169, 270-9	3.1	27
33	Exposure of mussels to a polluted environment: insights into the stress syndrome development. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2010**, 152, 24-33	3.2	26
32	Effects of cadmium on MAPK signalling pathways and HSP70 expression in a human trophoblast cell line. *Placenta*, **2008**, 29, 725-33	3.4	26
31	Heavy metals in tissues of loggerhead turtles (Caretta caretta) from the northwestern Adriatic Sea. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2004**, 138, 187-94	3.2	24
30	Tissue-scale microbiota of the Mediterranean mussel (Mytilus galloprovincialis) and its relationship with the environment. *Science of the Total Environment*, **2020**, 717, 137209	10.2	23
29	Bioaccumulation of algal toxins and changes in physiological parameters in Mediterranean mussels from the North Adriatic Sea (Italy). *Environmental Toxicology*, **2013**, 28, 451-70	4.2	20
28	HSP70 expression in human trophoblast cells exposed to different 1.8 Ghz mobile phone signals. *Radiation Research*, **2008**, 170, 488-97	3.1	19
27	Molecular and Cellular Effects Induced in Mytilus galloprovincialis Treated with Oxytetracycline at Different Temperatures. *PLoS ONE*, **2015**, 10, e0128468	3.7	19
26	Effects of the exposure to intermittent 1.8 GHz radio frequency electromagnetic fields on HSP70 expression and MAPK signaling pathways in PC12 cells. *International Journal of Radiation Biology*, **2014**, 90, 382-91	2.9	16
25	Molecular and cellular effects induced by hexavalent chromium in Mediterranean mussels. *Aquatic Toxicology*, **2012**, 124-125, 125-32	5.1	16
24	Effect of high-frequency electromagnetic fields on trophoblastic connexins. *Reproductive Toxicology*, **2009**, 28, 59-65	3.4	16
23	Physiological plasticity related to zonation affects hsp70 expression in the reef-building coral Pocillopora verrucosa. *PLoS ONE*, **2017**, 12, e0171456	3.7	15
22	Genetic characterization of loggerhead turtle (Caretta caretta) individuals stranded and caught as bycatch from the North-Central Adriatic Sea. *Amphibia - Reptilia*, **2010**, 31, 127-133	1.2	15
21	Effects of cadmium and 17β-estradiol on Mytilus galloprovincialis redox status. Prooxidant-antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. *Marine Environmental Research*, **2015**, 103, 80-8	3.3	13
20	Insights into the regulation of the MXR response in haemocytes of the Mediterranean mussel (Mytilus galloprovincialis). *Fish and Shellfish Immunology*, **2016**, 58, 349-358	4.3	13
19	Phenotypical and molecular changes induced by carbamazepine and propranolol on larval stages of Mytilus galloprovincialis. *Chemosphere*, **2019**, 234, 962-970	8.4	11

18	Styrene impairs normal embryo development in the Mediterranean mussel (Mytilus galloprovincialis). *Aquatic Toxicology*, **2018**, 201, 58-65	5.1	11
17	Off-line analytical pyrolysis GC□MS to study the accumulation of polystyrene microparticles in exposed mussels. *Journal of Analytical and Applied Pyrolysis*, **2020**, 149, 104836	6	11
16	Halogenated flame retardants in stranded sperm whales (Physeter macrocephalus) from the Mediterranean Sea. *Science of the Total Environment*, **2018**, 635, 892-900	10.2	10
15	Activity and expression of acetylcholinesterase in PC12 cells exposed to intermittent 1.8 GHz 217-GSM mobile phone signal. *International Journal of Radiation Biology*, **2016**, 92, 1-10	2.9	10
14	Response to commentary on "are some invertebrates exquisitely sensitive to the human pharmaceutical fluoxetine?". *Aquatic Toxicology*, **2014**, 146, 264-5	5.1	10
13	The Multixenobiotic resistance system as a possible protective response triggered by microplastic ingestion in Mediterranean mussels (Mytilus galloprovincialis): Larvae and adult stages. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2019**, 219, 50-58	3.2	9
12	Selection of best-performing reference gene products for investigating transcriptional regulation across silvering in the European eel (Anguilla anguilla). *Scientific Reports*, **2015**, 5, 16966	4.9	9
11	Transcriptional response of the heat shock gene hsp70 aligns with differences in stress susceptibility of shallow-water corals from the Mediterranean Sea. *Marine Environmental Research*, **2018**, 140, 444-454	3.3	8
10	Accumulation of PAHs in the tissues and algal symbionts of a common Mediterranean coral: Skeletal storage relates to population age structure. *Science of the Total Environment*, **2020**, 743, 140781	10.2	8
9	Investigating appearance and regulation of the MXR phenotype in early embryo stages of the Mediterranean mussel (Mytilus galloprovincialis). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2017**, 199, 1-10	3.2	6
8	Evaluating bivalve cytoprotective responses and their regulatory pathways in a climate change scenario. *Science of the Total Environment*, **2020**, 720, 137733	10.2	5
7	Interactive effects of nickel and chlorpyrifos on Mediterranean mussel cAMP-mediated cell signaling and MXR-related gene expressions. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2011**, 154, 377-82	3.2	5
6	Linking Internal Carbonate Chemistry Regulation and Calcification in Corals Growing at a Mediterranean CO2 Vent. *Frontiers in Marine Science*, **2019**, 6,	4.5	5
5	Impact of Plastic Debris on the Gut Microbiota of Caretta caretta From Northwestern Adriatic Sea. *Frontiers in Marine Science*, **2021**, 8,	4.5	5
4	Coral micro- and macro-morphological skeletal properties in response to life-long acclimatization at CO vents in Papua New Guinea. *Scientific Reports*, **2021**, 11, 19927	4.9	2
3	Characterization of a □ adrenergic receptor protein precursor in the European eel (Anguilla anguilla) and its tissue distribution across silvering. *Marine Environmental Research*, **2018**, 137, 158-168	3.3	1
2	Educational briefings in touristic facilities promote tourist sustainable behavior and customer loyalty. *Biological Conservation*, **2021**, 259, 109122	6.2	1
1	Variability of metabolic, protective, antioxidant, and lysosomal gene transcriptional profiles and microbiota composition of Mytilus galloprovincialis farmed in the North Adriatic Sea (Italy). *Marine Pollution Bulletin*, **2021**, 172, 112847	6.7	1