Elena Fabbri

List of Publications by Year
in descending order

115	5,012	81743	98622
papers	citations	39 h-index	67 g-index

117	117	117	5454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical composition and ecotoxicity of plastic and car tire rubber leachates to aquatic organisms. Water Research, 2020, 169, 115270.	5.3	314
2	Microplastic exposure and effects in aquatic organisms: A physiological perspective. Environmental Toxicology and Pharmacology, 2019, 68, 37-51.	2.0	221
3	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, 177-185.	1.9	183
4	Human pharmaceuticals in the marine environment: Focus on exposure and biological effects in animal species. Environmental Toxicology and Chemistry, 2016, 35, 799-812.	2.2	182
5	The hidden threat of plastic leachates: A critical review on their impacts on aquatic organisms. Water Research, 2020, 184, 116170.	5.3	178
6	Differential HSP70 gene expression in the Mediterranean mussel exposed to various stressors. Biochemical and Biophysical Research Communications, 2005, 336, 1157-1163.	1.0	174
7	Parma consensus statement on metabolic disruptors. Environmental Health, 2015, 14, 54.	1.7	174
8	Expression of cytoprotective proteins, heat shock protein 70and metallothioneins, in tissues ofOstrea edulis exposed to heat andheavy metals. Cell Stress and Chaperones, 2004, 9, 134.	1.2	161
9	Environmental Effects of BPA. Dose-Response, 2015, 13, 155932581559830.	0.7	152
10	From the Apennines to the Alps: colonization genetics of the naturally expanding Italian wolf (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	143
11	Introduction of oxygenated side chain into imidazolium ionic liquids: Evaluation of the effects at different biological organization levels. Ecotoxicology and Environmental Safety, 2010, 73, 1456-1464.	2.9	113
12	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. Aquatic Toxicology, 2014, 151, 14-26.	1.9	107
13	Uptake and transcriptional effects of polystyrene microplastics in larval stages of the Mediterranean mussel Mytilus galloprovincialis. Environmental Pollution, 2018, 241, 1038-1047.	3.7	98
14	Using lysosomal membrane stability of haemocytes in Ruditapes philippinarum as a biomarker of cellular stress to assess contamination by caffeine, ibuprofen, carbamazepine and novobiocin. Journal of Environmental Sciences, 2013, 25, 1408-1418.	3.2	94
15	Characterization of cholinesterase activity in three bivalves inhabiting the North Adriatic sea and their possible use as sentinel organisms for biosurveillance programmes. Science of the Total Environment, 2003, 312, 79-88.	3.9	83
16	The Î²-blocker propranolol affects cAMP-dependent signaling and induces the stress response in Mediterranean mussels, Mytilus galloprovincialis. Aquatic Toxicology, 2011, 101, 299-308.	1.9	83
17	Multilocus Detection of Wolf x Dog Hybridization in Italy, and Guidelines for Marker Selection. PLoS ONE, 2014, 9, e86409.	1.1	83
18	The mode of action (MOA) approach reveals interactive effects of environmental pharmaceuticals on Mytilus galloprovincialis. Aquatic Toxicology, 2013, 140-141, 249-256.	1.9	79

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19	The role of circulating catecholamines in the regulation of fish metabolism: An overview. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1998, 120, 177-192.	0.5	77
20	Identification of TLR4 as the Receptor That Recognizes Shiga Toxins in Human Neutrophils. Journal of Immunology, 2013, 191, 4748-4758.	0.4	76
21	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.	3.7	69
22	Hsp70 expression in thermally stressed Ostrea edulis, a commercially important oyster in Europe. Cell Stress and Chaperones, 2002, 7, 250.	1.2	68
23	Sequencing and expression pattern of inducible heat shock gene products in the European flat oyster, Ostrea edulis. Gene, 2005, 361, 119-126.	1.0	67
24	First evidence of hybridization between golden jackal (Canis aureus) and domestic dog (Canis familiaris) as revealed by genetic markers. Royal Society Open Science, 2015, 2, 150450.	1.1	64
25	Pharmaceuticals in the environment: expected and unexpected effects on aquatic fauna. Annals of the New York Academy of Sciences, 2015, 1340, 20-28.	1.8	64
26	Disentangling Timing of Admixture, Patterns of Introgression, and Phenotypic Indicators in a Hybridizing Wolf Population. Molecular Biology and Evolution, 2017, 34, 2324-2339.	3.5	62
27	Black coats in an admixed wolf Ã— dog pack is melanism an indicator of hybridization in wolves?. European Journal of Wildlife Research, 2013, 59, 543-555.	0.7	54
28	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, 538-548.	3.9	52
29	One, no one, or one hundred thousand: how many wolves are there currently in Italy?. Mammal Research, 2016, 61, 13-24.	0.6	51
30	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.	3.9	51
31	Contaminants of emerging concern in drinking water: Quality assessment by combining chemical and biological analysis. Science of the Total Environment, 2021, 758, 143624.	3.9	51
32	Insulin-receptor binding in skeletal muscle of trout. Fish Physiology and Biochemistry, 1991, 9, 351-360.	0.9	47
33	Oxidative stress parameters induced by exposure to either cadmium or 17Î²-estradiol on Mytilus galloprovincialis hemocytes. The role of signaling molecules. Aquatic Toxicology, 2014, 146, 186-195.	1.9	47
34	Î±-Adrenoceptor-mediated glucose release from perifused catfish hepatocytes. Life Sciences, 1999, 65, 27-35.	2.0	46
35	Acetylcholinesterase activity in the earthworm Eisenia andrei at different conditions of carbaryl exposure. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 678-685.	1.3	45
36	The sub-lethal impact of plastic and tire rubber leachates on the Mediterranean mussel Mytilus galloprovincialis. Environmental Pollution, 2021, 283, 117081.	3.7	45

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37	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. Environmental Pollution, 2015, 205, 60-69.	3.7	43
38	Sediment quality assessment in a coastal lagoon (Ravenna, NE Italy) based on SEM-AVS and sequential extraction procedure. Science of the Total Environment, 2018, 635, 216-227.	3.9	42
39	Diclofenac affects early embryo development in the marine bivalve Mytilus galloprovincialis. Science of the Total Environment, 2018, 642, 601-609.	3.9	42
40	Cytoprotective responses in the Mediterranean mussel exposed to Hg2+ and CH3Hg+. Biochemical and Biophysical Research Communications, 2006, 351, 719-725.	1.0	40
41	A Comparative Assessment of the Chronic Effects of Micro- and Nano-Plastics on the Physiology of the Mediterranean Mussel Mytilus galloprovincialis. Nanomaterials, 2021, 11, 649.	1.9	40
42	Genetic structure and expansion of golden jackals (Canis aureus) in the north-western distribution range (Croatia and eastern Italian Alps). Conservation Genetics, 2014, 15, 187-199.	0.8	38
43	A biological and geochemical integrated approach to assess the environmental quality of a coastal lagoon (Ravenna, Italy). Environment International, 2007, 33, 919-928.	4.8	35
44	Benthic community structure and biomarker responses of the clam Scrobicularia plana in a shallow tidal creek affected by fish farm effluents (Rio San Pedro, SW Spain). Environment International, 2012, 47, 86-98.	4.8	33
45	Cyclic-AMP Mediated Regulation of ABCB mRNA Expression in Mussel Haemocytes. PLoS ONE, 2013, 8, e61634.	1.1	32
46	Î²-Adrenergic receptors in catfish liver membranes: Characterization and coupling to adenylate cyclase. General and Comparative Endocrinology, 1992, 85, 254-260.	0.8	31
47	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.	1.3	31
48	Adrenergic signaling in teleost fish liver, a challenging path. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 199, 74-86.	0.7	31
49	Combining phylogenetic and demographic inferences to assess the origin of the genetic diversity in an isolated wolf population. PLoS ONE, 2017, 12, e0176560.	1.1	31
50	Two For-Metâ€“Leuâ€“Phe-OMe analogues trigger selective neutrophil responses. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1359, 233-240.	1.9	30
51	Unravelling the Scientific Debate on How to Address Wolf-Dog Hybridization in Europe. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	29
52	Bioaccumulation of cyclopenta[cd]pyrene and benzo[ghi]fluoranthene by mussels transplanted in a coastal lagoon. Chemosphere, 2006, 64, 1083-1092.	4.2	28
53	Full and partial agonistic behaviour and thermodynamic binding parameters of adenosine A1 receptor ligands. European Journal of Pharmacology, 1994, 267, 55-61.	2.7	27
54	Phe-d-Leu-Phe-d-Leu-Phe derivatives as formylpeptide receptor antagonists in human neutrophils: cellular and conformational aspects. BBA - Proteins and Proteomics, 1999, 1432, 27-39.	2.1	26

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55	In vitro characterization of cholinesterases in the earthworm Eisenia andrei. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 143, 416-421.	1.3	26
56	A standardized approach to empirically define reliable assignment thresholds and appropriate management categories in deeply introgressed populations. Scientific Reports, 2020, 10, 2862.	1.6	26
57	Studies on fMLP-receptor interaction and signal transduction pathway by means of fMLP-OMe selective analogues. Cellular Signalling, 2000, 12, 391-398.	1.7	25
58	Cd2+ and Hg2+ affect glucose release and cAMP-dependent transduction pathway in isolated eel hepatocytes. Aquatic Toxicology, 2003, 62, 55-65.	1.9	25
59	Wolf-dog hybridization in Croatia. Veterinarski Arhiv, 2018, 88, 375-395.	0.1	25
60	Insulin binding to isolated hepatocytes of Atlantic salmon and rainbow trout. Fish Physiology and Biochemistry, 1993, 11, 401-409.	0.9	24
61	Cyclic AMP signaling in bivalve molluscs: an overview. Journal of Experimental Zoology, 2010, 313A, 179-200.	1.2	24
62	Bioaccumulation of algal toxins and changes in physiological parameters in Mediterranean mussels from the North Adriatic Sea (Italy). Environmental Toxicology, 2013, 28, 451-470.	2.1	24
63	Adenylyl cyclase activity and its modulation in the gills of Mytilus galloprovincialis exposed to Cr6+ and Cu2+. Aquatic Toxicology, 2006, 76, 59-68.	1.9	23
64	Off-line analytical pyrolysis GCâ€“MS to study the accumulation of polystyrene microparticles in exposed mussels. Journal of Analytical and Applied Pyrolysis, 2020, 149, 104836.	2.6	21
65	Molecular and Cellular Effects Induced in Mytilus galloprovincialis Treated with Oxytetracycline at Different Temperatures. PLoS ONE, 2015, 10, e0128468.	1.1	21
66	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.	1.1	19
67	Styrene impairs normal embryo development in the Mediterranean mussel (Mytilus galloprovincialis). Aquatic Toxicology, 2018, 201, 58-65.	1.9	19
68	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.	1.3	19
69	Catecholamine effect on cyclic adenosine 3â€²:5â€²-monophosphate level in isolated catfish hepatocytes. General and Comparative Endocrinology, 1987, 68, 216-223.	0.8	18
70	Molecular and cellular effects induced by hexavalent chromium in Mediterranean mussels. Aquatic Toxicology, 2012, 124-125, 125-132.	1.9	18
71	Physiological plasticity related to zonation affects hsp70 expression in the reef-building coral Pocillopora verrucosa. PLoS ONE, 2017, 12, e0171456.	1.1	18
72	Comparing effects and action mechanisms of BPA and BPS on HTR-8/SVneo placental cells. Biology of Reproduction, 2021, 105, 1355-1364.	1.2	18

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73	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.	0.1	17
74	Old wild wolves: ancient DNA survey unveils population dynamics in Late Pleistocene and Holocene Italian remains. PeerJ, 2019, 7, e6424.	0.9	17
75	Insights into the regulation of the MXR response in haemocytes of the Mediterranean mussel (Mytilus) Tj ETQq1 1 0.784314 rgBT /O	1.6	16
76	Phenotypical and molecular changes induced by carbamazepine and propranolol on larval stages of Mytilus galloprovincialis. Chemosphere, 2019, 234, 962-970.	4.2	16
77	Application of neutral red retention assay to caged clams (Ruditapes decussatus) and crabs (Carcinus) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	14
78	Effects of cadmium and 17Î²-estradiol on Mytilus galloprovincialis redox status. Prooxidantâ€“antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. Marine Environmental Research, 2015, 103, 80-88.	1.1	14
79	The Sicilian Wolf: Genetic Identity of a Recently Extinct Insular Population. Zoological Science, 2019, 36, 189.	0.3	14
80	Neurochemical changes in cerebellum of goldfish exposed to various temperatures. Neurochemical Research, 1997, 22, 141-149.	1.6	13
81	Identification of Î±-Adrenergic Receptors in Catfish Liver and Their Involvement in Glucose Release. General and Comparative Endocrinology, 1994, 95, 457-463.	0.8	12
82	A new mitochondrial haplotype confirms the distinctiveness of the Italian wolf (Canis lupus) population. Mammalian Biology, 2017, 84, 30-34.	0.8	12
83	Physiological Roles of Serotonin in Bivalves: Possible Interference by Environmental Chemicals Resulting in Neuroendocrine Disruption. Frontiers in Endocrinology, 2022, 13, 792589.	1.5	12
84	McGill Pain Questionnaire: A multiâ€dimensional verbal scale assessing postoperative changes in pain symptoms associated with severe endometriosis. Journal of Obstetrics and Gynaecology Research, 2009, 35, 753-760.	0.6	11
85	Assessing the environmental hazard of individual and combined pharmaceuticals: acute and chronic toxicity of fluoxetine and propranolol in the crustacean Daphnia magna. Ecotoxicology, 2017, 26, 711-728.	1.1	11
86	Characterization of [3H]CGP 12177 Binding to Î²-Adrenergic Receptors in Intact Eel Hepatocytes. General and Comparative Endocrinology, 2001, 121, 223-231.	0.8	10
87	Selection of best-performing reference gene products for investigating transcriptional regulation across silvering in the European eel (Anguilla anguilla). Scientific Reports, 2015, 5, 16966.	1.6	10
88	Interactions between prostaglandin E2 andd-ala2-met-enkephalinamide on adenylate cyclase activity in the guinea-pig superior cervical ganglion. Neurochemical Research, 1988, 13, 797-802.	1.6	9
89	Evaluating bivalve cytoprotective responses and their regulatory pathways in a climate change scenario. Science of the Total Environment, 2020, 720, 137733.	3.9	9
90	Olfactory transduction mechanisms in sheep. Neurochemical Research, 1995, 20, 719-725.	1.6	8

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91	Adenosine analogs inhibit acetylcholine release and cyclic AMP synthesis in the guinea-pig superior cervical ganglion. Neuroscience Letters, 1995, 184, 97-100.	1.0	8
92	Modulation of adenyl cyclase activity in the gills ofTapes philippinarum. The Journal of Experimental Zoology, 2004, 301A, 952-960.	1.4	8
93	Effects of oxotremorine and RMI 12330 A on [3H]acetylcholine release and adenylate cyclase activity in guinea pig superior cervical ganglion. Neurochemical Research, 1988, 13, 1049-1053.	1.6	7
94	fMLP-OMe Analogs Substituted at the Methionine Residue: An Insight into the Receptor Properties. Archiv Der Pharmazie, 1998, 331, 368-370.	2.1	7
95	Use ofMytilus galloprovincialisandTapes philippinarumas sentinel organisms for the development of a biosurveillance program in the Pialassa Baiona coastal lagoon (Ravenna, Italy). Chemistry and Ecology, 2005, 21, 465-477.	0.6	7
96	Temporal variations in metallothionein concentration and subcellular distribution of metals in gills and digestive glands of the oyster <i>Crassostrea angulata</i>. Scientia Marina, 2010, 74, 143-152.	0.3	7
97	A reduced SNP panel to trace gene flow across southern European wolf populations and detect hybridization with other Canis taxa. Scientific Reports, 2022, 12, 4195.	1.6	7
98	Some properties of adenosine 3?,5?-cyclic monophosphate phosphodiesterase in the superior cervical ganglion of the guinea pig. Neurochemical Research, 1986, 11, 1425-1437.	1.6	6
99	G Proteins Immunodetection and Adrenergic Transduction Pathways in the Liver ofAnguilla anguilla. Physiological and Biochemical Zoology, 2002, 75, 609-616.	0.6	6
100	Binding kinetics and sequencing of hepatic Î±1-adrenergic receptors in two marine teleosts, Mackerel (Scomber scombrus) and Anchovy (Engraulis encrasicolus). Journal of Experimental Zoology, 2008, 309A, 157-165.	1.2	6
101	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.	1.3	6
102	Genomic evidence for the Old divergence of Southern European wolf populations. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201206.	1.2	6
103	Assessing the Impact of Chrysene-Sorbed Polystyrene Microplastics on Different Life Stages of the Mediterranean Mussel Mytilus galloprovincialis. Applied Sciences (Switzerland), 2021, 11, 8924.	1.3	6
104	Action of glucagon and glucagon-like peptide on glycogen metabolism of trout isolated hepatocytes. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1990, 96, 387-391.	0.2	5
105	Adenylyl cyclase activity and glucose release from the liver of the European eel, Anguilla anguilla. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R1563-R1570.	0.9	5
106	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, 377-382.	1.3	5
107	Supra-additive stimulation of adenylate cyclase activity by prostaglandin E2 andD-Ala2-met-enkephalinamide in the guinea-pig superior cervical ganglion: Role of Mg2+ ions. Neurochemical Research, 1989, 14, 1181-1186.	1.6	4
108	Coexistence of Î±1and Î² Adrenergic Receptors in the Liver of the FrogRana esculenta,the ToadBufo bufo,the LizardPodarcis sicula campestris,and the TurtlePseudemys picta elegans. General and Comparative Endocrinology, 1997, 107, 351-358.	0.8	4

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109	Expression of genes involved in oxidative stress response in colonies of the ascidian Botryllus schlosseri exposed to various environmental conditions. Estuarine, Coastal and Shelf Science, 2017, 187, 22-27.	0.9	4
110	Integration of physical, geochemical and biological analyses as a strategy for coastal lagoon biomonitoring. Marine Pollution Bulletin, 2021, 164, 112005.	2.3	4
111	Identification and Properties of a Gs Protein in Catfish Liver Membranes. General and Comparative Endocrinology, 2002, 125, 340-348.	0.8	3
112	Physiological Responses of Marine Animals Towards Adaptation to Climate Changes. , 2014, , 401-417.		3
113	Effects of Ca2+ and calmodulin on adenylyl cyclase activity in sheep olfactory epithelium. Neurochemical Research, 1995, 20, 1511-1517.	1.6	1
114	Characterization of a Î²2 adrenergic receptor protein precursor in the European eel (Anguilla anguilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	1
115	On the trail of medieval wolves: ancient DNA, CT-based analyses and palaeopathology of a 1000-year-old wolf cranium from the Po Valley (northern Italy). Historical Biology, 2023, 35, 976-987.	0.7	0