

Elena Fabbri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

3,698
citations

35
h-index

56
g-index

117
ext. papers

4,261
ext. citations

4.9
avg, IF

5.83
L-index

#	Paper	IF	Citations
115	Physiological Roles of Serotonin in Bivalves: Possible Interference by Environmental Chemicals Resulting in Neuroendocrine Disruption.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 792589	5.7	2
114	A reduced SNP panel to trace gene flow across southern European wolf populations and detect hybridization with other <i>Canis</i> taxa.. <i>Scientific Reports</i> , 2022 , 12, 4195	4.9	1
113	Integration of physical, geochemical and biological analyses as a strategy for coastal lagoon biomonitoring. <i>Marine Pollution Bulletin</i> , 2021 , 164, 112005	6.7	2
112	A Comparative Assessment of the Chronic Effects of Micro- and Nano-Plastics on the Physiology of the Mediterranean Mussel. <i>Nanomaterials</i> , 2021 , 11,	5.4	13
111	Contaminants of emerging concern in drinking water: Quality assessment by combining chemical and biological analysis. <i>Science of the Total Environment</i> , 2021 , 758, 143624	10.2	18
110	Comparing effects and action mechanisms of BPA and BPS on HTR-8/SVneo placental cells□ <i>Biology of Reproduction</i> , 2021 , 105, 1355-1364	3.9	1
109	The sub-lethal impact of plastic and tire rubber leachates on the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2021 , 283, 117081	9.3	10
108	Assessing the Impact of Chrysene-Sorbed Polystyrene Microplastics on Different Life Stages of the Mediterranean Mussel <i>Mytilus galloprovincialis</i> . <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8924	2.6	1
107	Evaluating bivalve cytoprotective responses and their regulatory pathways in a climate change scenario. <i>Science of the Total Environment</i> , 2020 , 720, 137733	10.2	5
106	A standardized approach to empirically define reliable assignment thresholds and appropriate management categories in deeply introgressed populations. <i>Scientific Reports</i> , 2020 , 10, 2862	4.9	15
105	Off-line analytical pyrolysis GCMS to study the accumulation of polystyrene microparticles in exposed mussels. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 149, 104836	6	11
104	Chemical composition and ecotoxicity of plastic and car tire rubber leachates to aquatic organisms. <i>Water Research</i> , 2020 , 169, 115270	12.5	144
103	The hidden threat of plastic leachates: A critical review on their impacts on aquatic organisms. <i>Water Research</i> , 2020 , 184, 116170	12.5	56
102	Genomic evidence for the Old divergence of Southern European wolf populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20201206	4.4	3
101	Phenotypical and molecular changes induced by carbamazepine and propranolol on larval stages of <i>Mytilus galloprovincialis</i> . <i>Chemosphere</i> , 2019 , 234, 962-970	8.4	11
100	Unravelling the Scientific Debate on How to Address Wolf-Dog Hybridization in Europe. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	14
99	Microplastic exposure and effects in aquatic organisms: A physiological perspective. <i>Environmental Toxicology and Pharmacology</i> , 2019 , 68, 37-51	5.8	118

98	The Multixenobiotic resistance system as a possible protective response triggered by microplastic ingestion in Mediterranean mussels (<i>Mytilus galloprovincialis</i>): Larvae and adult stages. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019 , 219, 50-58	3.2	9
97	The Sicilian Wolf: Genetic Identity of a Recently Extinct Insular Population. <i>Zoological Science</i> , 2019 , 36, 189-197	0.8	9
96	Old wild wolves: ancient DNA survey unveils population dynamics in Late Pleistocene and Holocene Italian remains. <i>PeerJ</i> , 2019 , 7, e6424	3.1	8
95	Sediment quality assessment in a coastal lagoon (Ravenna, NE Italy) based on SEM-AVS and sequential extraction procedure. <i>Science of the Total Environment</i> , 2018 , 635, 216-227	10.2	26
94	Characterization of a β adrenergic receptor protein precursor in the European eel (<i>Anguilla anguilla</i>) and its tissue distribution across silvering. <i>Marine Environmental Research</i> , 2018 , 137, 158-168	3.3	1
93	Transcriptional response of the heat shock gene hsp70 aligns with differences in stress susceptibility of shallow-water corals from the Mediterranean Sea. <i>Marine Environmental Research</i> , 2018 , 140, 444-454	3.3	8
92	Uptake and transcriptional effects of polystyrene microplastics in larval stages of the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Environmental Pollution</i> , 2018 , 241, 1038-1047	9.3	62
91	Diclofenac affects early embryo development in the marine bivalve <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2018 , 642, 601-609	10.2	31
90	Styrene impairs normal embryo development in the Mediterranean mussel (<i>Mytilus galloprovincialis</i>). <i>Aquatic Toxicology</i> , 2018 , 201, 58-65	5.1	11
89	Wolf-dog hybridization in Croatia. <i>Veterinarski Arhiv</i> , 2018 , 88, 375-395	0.8	16
88	A new mitochondrial haplotype confirms the distinctiveness of the Italian wolf (<i>Canis lupus</i>) population. <i>Mammalian Biology</i> , 2017 , 84, 30-34	1.6	7
87	Expression of genes involved in oxidative stress response in colonies of the ascidian <i>Botryllus schlosseri</i> exposed to various environmental conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2017 , 187, 22-27	2.9	2
86	Assessing the environmental hazard of individual and combined pharmaceuticals: acute and chronic toxicity of fluoxetine and propranolol in the crustacean <i>Daphnia magna</i> . <i>Ecotoxicology</i> , 2017 , 26, 711-728	2.9	6
85	A comprehensive evaluation of the environmental quality of a coastal lagoon (Ravenna, Italy): Integrating chemical and physiological analyses in mussels as a biomonitoring strategy. <i>Science of the Total Environment</i> , 2017 , 598, 146-159	10.2	41
84	Disentangling Timing of Admixture, Patterns of Introgression, and Phenotypic Indicators in a Hybridizing Wolf Population. <i>Molecular Biology and Evolution</i> , 2017 , 34, 2324-2339	8.3	43
83	Investigating appearance and regulation of the MXR phenotype in early embryo stages of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017 , 199, 1-10	3.2	6
82	Physiological plasticity related to zonation affects hsp70 expression in the reef-building coral <i>Pocillopora verrucosa</i> . <i>PLoS ONE</i> , 2017 , 12, e0171456	3.7	15
81	Combining phylogenetic and demographic inferences to assess the origin of the genetic diversity in an isolated wolf population. <i>PLoS ONE</i> , 2017 , 12, e0176560	3.7	22

80	Impact of bisphenol A (BPA) on early embryo development in the marine mussel <i>Mytilus galloprovincialis</i> : Effects on gene transcription. <i>Environmental Pollution</i> , 2016 , 218, 996-1004	9.3	50
79	One, no one, or one hundred thousand: how many wolves are there currently in Italy?. <i>Mammal Research</i> , 2016 , 61, 13-24	1.8	39
78	Human pharmaceuticals in the marine environment: Focus on exposure and biological effects in animal species. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 799-812	3.8	134
77	Adrenergic signaling in teleost fish liver, a challenging path. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 199, 74-86	2.3	24
76	Use of an integrated biomarker-based strategy to evaluate physiological stress responses induced by environmental concentrations of caffeine in the Mediterranean mussel <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2016 , 563-564, 538-48	10.2	39
75	Insights into the regulation of the MXR response in haemocytes of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>). <i>Fish and Shellfish Immunology</i> , 2016 , 58, 349-358	4.3	13
74	Effects of cadmium and 17 β -estradiol on <i>Mytilus galloprovincialis</i> redox status. Prooxidant-antioxidant balance (PAB) as a novel approach in biomonitoring of marine environments. <i>Marine Environmental Research</i> , 2015 , 103, 80-8	3.3	13
73	Selection of best-performing reference gene products for investigating transcriptional regulation across silvering in the European eel (<i>Anguilla anguilla</i>). <i>Scientific Reports</i> , 2015 , 5, 16966	4.9	9
72	First evidence of hybridization between golden jackal (<i>Canis aureus</i>) and domestic dog (<i>Canis familiaris</i>) as revealed by genetic markers. <i>Royal Society Open Science</i> , 2015 , 2, 150450	3.3	42
71	Parma consensus statement on metabolic disruptors. <i>Environmental Health</i> , 2015 , 14, 54	6	125
70	A multibiomarker approach to explore interactive effects of propranolol and fluoxetine in marine mussels. <i>Environmental Pollution</i> , 2015 , 205, 60-9	9.3	38
69	Environmental Effects of BPA: Focus on Aquatic Species. <i>Dose-Response</i> , 2015 , 13, 1559325815598304	2.3	109
68	Pharmaceuticals in the environment: expected and unexpected effects on aquatic fauna. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1340, 20-8	6.5	48
67	Molecular and Cellular Effects Induced in <i>Mytilus galloprovincialis</i> Treated with Oxytetracycline at Different Temperatures. <i>PLoS ONE</i> , 2015 , 10, e0128468	3.7	19
66	Oxidative stress parameters induced by exposure to either cadmium or 17 β -estradiol on <i>Mytilus galloprovincialis</i> hemocytes. The role of signaling molecules. <i>Aquatic Toxicology</i> , 2014 , 146, 186-95	5.1	42
65	An exploratory investigation of various modes of action and potential adverse outcomes of fluoxetine in marine mussels. <i>Aquatic Toxicology</i> , 2014 , 151, 14-26	5.1	91
64	Multilocus detection of wolf x dog hybridization in Italy, and guidelines for marker selection. <i>PLoS ONE</i> , 2014 , 9, e86409	3.7	68
63	Genetic structure and expansion of golden jackals (<i>Canis aureus</i>) in the north-western distribution range (Croatia and eastern Italian Alps). <i>Conservation Genetics</i> , 2014 , 15, 187-199	2.6	27

62	Physiological Responses of Marine Animals Towards Adaptation to Climate Changes 2014 , 401-417		1
61	Bioaccumulation of algal toxins and changes in physiological parameters in Mediterranean mussels from the North Adriatic Sea (Italy). <i>Environmental Toxicology</i> , 2013 , 28, 451-70	4.2	20
60	Black coats in an admixed wolf dog pack is melanism an indicator of hybridization in wolves?. <i>European Journal of Wildlife Research</i> , 2013 , 59, 543-555	2	42
59	Using lysosomal membrane stability of haemocytes in <i>Ruditapes philippinarum</i> as a biomarker of cellular stress to assess contamination by caffeine, ibuprofen, carbamazepine and novobiocin. <i>Journal of Environmental Sciences</i> , 2013 , 25, 1408-18	6.4	81
58	The mode of action (MOA) approach reveals interactive effects of environmental pharmaceuticals on <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2013 , 140-141, 249-56	5.1	70
57	Identification of TLR4 as the receptor that recognizes Shiga toxins in human neutrophils. <i>Journal of Immunology</i> , 2013 , 191, 4748-58	5.3	63
56	Cyclic-AMP mediated regulation of ABCB mRNA expression in mussel haemocytes. <i>PLoS ONE</i> , 2013 , 8, e61634	3.7	28
55	Application of neutral red retention assay to caged clams (<i>Ruditapes decussatus</i>) and crabs (<i>Carcinus maenas</i>) in the assessment of dredged material. <i>Ecotoxicology</i> , 2012 , 21, 75-86	2.9	13
54	Molecular and cellular effects induced by hexavalent chromium in Mediterranean mussels. <i>Aquatic Toxicology</i> , 2012 , 124-125, 125-32	5.1	16
53	Benthic community structure and biomarker responses of the clam <i>Scrobicularia plana</i> in a shallow tidal creek affected by fish farm effluents (Rio San Pedro, SW Spain). <i>Environment International</i> , 2012 , 47, 86-98	12.9	31
52	The β -blocker propranolol affects cAMP-dependent signaling and induces the stress response in Mediterranean mussels, <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2011 , 101, 299-308	5.1	77
51	Interactive effects of nickel and chlorpyrifos on Mediterranean mussel cAMP-mediated cell signaling and MXR-related gene expressions. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 154, 377-82	3.2	5
50	Genetic characterization of loggerhead turtle (<i>Caretta caretta</i>) individuals stranded and caught as bycatch from the North-Central Adriatic Sea. <i>Amphibia - Reptilia</i> , 2010 , 31, 127-133	1.2	15
49	Introduction of oxygenated side chain into imidazolium ionic liquids: evaluation of the effects at different biological organization levels. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 1456-64	7	95
48	Cyclic AMP signaling in bivalve molluscs: an overview. <i>Journal of Experimental Zoology</i> , 2010 , 313, 179-200		12
47	Exposure of mussels to a polluted environment: insights into the stress syndrome development. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010 , 152, 24-33	3.2	26
46	Temporal variations in metallothionein concentration and subcellular distribution of metals in gills and digestive glands of the oyster <i>Crassostrea angulata</i> . <i>Scientia Marina</i> , 2010 , 74, 143-152	1.8	7
45	McGill Pain Questionnaire: a multi-dimensional verbal scale assessing postoperative changes in pain symptoms associated with severe endometriosis. <i>Journal of Obstetrics and Gynaecology Research</i> , 2009 , 35, 753-60		10

44	Effects of environmental concentrations of the antiepileptic drug carbamazepine on biomarkers and cAMP-mediated cell signaling in the mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2009 , 94, 177-85	5.1	165
43	Binding kinetics and sequencing of hepatic alpha1-adrenergic receptors in two marine teleosts, mackerel (<i>Scomber scombrus</i>) and anchovy (<i>Engraulis encrasicolus</i>). <i>Journal of Experimental Zoology</i> , 2008 , 309, 157-65		5
42	From the Apennines to the Alps: colonization genetics of the naturally expanding Italian wolf (<i>Canis lupus</i>) population. <i>Molecular Ecology</i> , 2007 , 16, 1661-71	5.7	119
41	A biological and geochemical integrated approach to assess the environmental quality of a coastal lagoon (Ravenna, Italy). <i>Environment International</i> , 2007 , 33, 919-28	12.9	32
40	Acetylcholinesterase activity in the earthworm <i>Eisenia andrei</i> at different conditions of carbaryl exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 145, 678-85	3.2	34
39	Adenylyl cyclase activity and its modulation in the gills of <i>Mytilus galloprovincialis</i> exposed to Cr6+ and Cu2+. <i>Aquatic Toxicology</i> , 2006 , 76, 59-68	5.1	23
38	In vitro characterization of cholinesterases in the earthworm <i>Eisenia andrei</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006 , 143, 416-21	3.2	19
37	Bioaccumulation of cyclopenta[cd]pyrene and benzo[ghi]fluoranthene by mussels transplanted in a coastal lagoon. <i>Chemosphere</i> , 2006 , 64, 1083-92	8.4	26
36	Cytoprotective responses in the Mediterranean mussel exposed to Hg2+ and CH3Hg+. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 351, 719-25	3.4	37
35	Use of <i>Mytilus galloprovincialis</i> and <i>Tapes philippinarum</i> as sentinel organisms for the development of a biosurveillance program in the Pialassa Baiona coastal lagoon (Ravenna, Italy). <i>Chemistry and Ecology</i> , 2005 , 21, 465-477	2.3	7
34	Differential HSP70 gene expression in the Mediterranean mussel exposed to various stressors. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 336, 1157-63	3.4	157
33	Sequencing and expression pattern of inducible heat shock gene products in the European flat oyster, <i>Ostrea edulis</i> . <i>Gene</i> , 2005 , 361, 119-26	3.8	62
32	Expression of cytoprotective proteins, heat shock protein 70 and metallothioneins, in tissues of <i>Ostrea edulis</i> exposed to heat and heavy metals. <i>Cell Stress and Chaperones</i> , 2004 , 9, 134-42	4	148
31	Modulation of adenylyl cyclase activity in the gills of <i>Tapes philippinarum</i> . <i>The Journal of Experimental Zoology</i> , 2004 , 301, 952-60		7
30	Characterization of cholinesterase activity in three bivalves inhabiting the North Adriatic sea and their possible use as sentinel organisms for biosurveillance programmes. <i>Science of the Total Environment</i> , 2003 , 312, 79-88	10.2	73
29	Cd2+ and Hg2+ affect glucose release and cAMP-dependent transduction pathway in isolated eel hepatocytes. <i>Aquatic Toxicology</i> , 2003 , 62, 55-65	5.1	25
28	Identification and properties of a Gs protein in catfish liver membranes. <i>General and Comparative Endocrinology</i> , 2002 , 125, 340-8	3	3
27	G proteins immunodetection and adrenergic transduction pathways in the liver of <i>Anguilla anguilla</i> . <i>Physiological and Biochemical Zoology</i> , 2002 , 75, 609-16	2	5

26	Hsp70 expression in thermally stressed <i>Ostrea edulis</i> , a commercially important oyster in Europe. <i>Cell Stress and Chaperones</i> , 2002 , 7, 250-7	4	61
25	Characterization of [³ H]CGP 12177 binding to beta-adrenergic receptors in intact eel hepatocytes. <i>General and Comparative Endocrinology</i> , 2001 , 121, 223-31	3	10
24	Studies on fMLP-receptor interaction and signal transduction pathway by means of fMLP-OMe selective analogues. <i>Cellular Signalling</i> , 2000 , 12, 391-8	4.9	23
23	Phe-D-Leu-Phe-D-Leu-Phe derivatives as formylpeptide receptor antagonists in human neutrophils: cellular and conformational aspects. <i>BBA - Proteins and Proteomics</i> , 1999 , 1432, 27-39		24
22	Alpha-adrenoceptor-mediated glucose release from perfused catfish hepatocytes. <i>Life Sciences</i> , 1999 , 65, 27-35	6.8	36
21	fMLP-OMe analogs substituted at the methionine residue: an insight into the receptor properties. <i>Archiv Der Pharmazie</i> , 1998 , 331, 368-70	4.3	7
20	The role of circulating catecholamines in the regulation of fish metabolism: an overview. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1998 , 120, 177-92		59
19	Adenylyl cyclase activity and glucose release from the liver of the European eel, <i>Anguilla anguilla</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998 , 275, R1563-70 ^{3.2}		3
18	Two for-Met-Leu-Phe-OMe analogues trigger selective neutrophil responses. A differential effect on cytosolic free Ca ²⁺ . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997 , 1359, 233-40	4.9	28
17	Neurochemical changes in cerebellum of goldfish exposed to various temperatures. <i>Neurochemical Research</i> , 1997 , 22, 141-9	4.6	13
16	Coexistence of alpha1 and beta adrenergic receptors in the liver of the frog <i>Rana esculenta</i> , the toad <i>Bufo bufo</i> , the lizard <i>Podarcis sicula campestris</i> , and the turtle <i>Pseudemys picta elegans</i> . <i>General and Comparative Endocrinology</i> , 1997 , 107, 351-8	3	4
15	Olfactory transduction mechanisms in sheep. <i>Neurochemical Research</i> , 1995 , 20, 719-25	4.6	5
14	Effects of Ca ²⁺ and calmodulin on adenylyl cyclase activity in sheep olfactory epithelium. <i>Neurochemical Research</i> , 1995 , 20, 1511-7	4.6	1
13	Adenosine analogs inhibit acetylcholine release and cyclic AMP synthesis in the guinea-pig superior cervical ganglion. <i>Neuroscience Letters</i> , 1995 , 184, 97-100	3.3	8
12	Identification of alpha-adrenergic receptors in catfish liver and their involvement in glucose release. <i>General and Comparative Endocrinology</i> , 1994 , 95, 457-63	3	12
11	Full and partial agonistic behaviour and thermodynamic binding parameters of adenosine A1 receptor ligands. <i>European Journal of Pharmacology</i> , 1994 , 267, 55-61		27
10	Insulin binding to isolated hepatocytes of Atlantic salmon and rainbow trout. <i>Fish Physiology and Biochemistry</i> , 1993 , 11, 401-9	2.7	22
9	Beta-adrenergic receptors in catfish liver membranes: characterization and coupling to adenylate cyclase. <i>General and Comparative Endocrinology</i> , 1992 , 85, 254-60	3	29

8	Insulin-receptor binding in skeletal muscle of trout. <i>Fish Physiology and Biochemistry</i> , 1991 , 9, 351-60	2.7	42
7	Action of glucagon and glucagon-like peptide on glycogen metabolism of trout isolated hepatocytes. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1990 , 96, 387-391		3
6	Supra-additive stimulation of adenylate cyclase activity by prostaglandin E2 and D-Ala2-met-enkephalinamide in the guinea-pig superior cervical ganglion: role of Mg ²⁺ ions. <i>Neurochemical Research</i> , 1989 , 14, 1181-6	4.6	4
5	Interactions between prostaglandin E2 and D-ala2-met-enkephalinamide on adenylate cyclase activity in the guinea-pig superior cervical ganglion. <i>Neurochemical Research</i> , 1988 , 13, 797-802	4.6	9
4	Effects of oxotremorine and RMI 12330 A on [3H]acetylcholine release and adenylate cyclase activity in guinea pig superior cervical ganglion. <i>Neurochemical Research</i> , 1988 , 13, 1049-53	4.6	7
3	Catecholamine effect on cyclic adenosine 3',5'-cyclic monophosphate level in isolated catfish hepatocytes. <i>General and Comparative Endocrinology</i> , 1987 , 68, 216-23	3	18
2	Some properties of adenosine 3',5'-cyclic monophosphate phosphodiesterase in the superior cervical ganglion of the guinea pig. <i>Neurochemical Research</i> , 1986 , 11, 1425-37	4.6	6
1	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). <i>Historical Biology</i> , 1-12	1.1	