

# Giorgia Gioacchini

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

3,244  
citations

156536

32  
h-index

175968

55  
g-index

76  
all docs

76  
docs citations

76  
times ranked

6010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of black soldier fly ( <i>Hermetia illucens</i> ) enriched with <i>Schizochytrium</i> sp. on zebrafish ( <i>Danio</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 15	1.7	15
2	Evaluation of Controlled Ovarian Stimulation Protocols in Patients with Normal and Low Ovarian Reserve: Analyses of miRNAs and Selected Target Genes Involved in the Proliferation of Human Cumulus Cells and Oocyte Quality. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1713.	1.8	1
3	Zebrafish caudal fin as a model to investigate the role of probiotics in bone regeneration. <i>Scientific Reports</i> , 2022, 12, 8057.	1.6	8
4	Oxidative Stress and Antioxidant Defense in Fish: The Implications of Probiotic, Prebiotic, and Synbiotics. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 198-217.	5.1	208
5	Automatic Classification of Human Granulosa Cells in Assisted Reproductive Technology using vibrational spectroscopy imaging. , 2021, , .		0
6	Potential Impact of Microplastics and Additives on the Health Status of Loggerhead Turtles ( <i>Caretta</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 29	1.1	29
7	Opsins and gonadal circadian rhythm in the swordfish ( <i>Xiphias gladius</i> ) ovary: Their potential roles in puberty and reproductive seasonality. <i>General and Comparative Endocrinology</i> , 2021, 303, 113707.	0.8	3
8	Aspects of Reproductive Biology of the European Hake ( <i>Merluccius merluccius</i> ) in the Northern and Central Adriatic Sea (GSA 17-Central Mediterranean Sea). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 389.	1.2	8
9	Embryo morphokinetic score is associated with biomarkers of developmental competence and implantation. <i>Journal of Assisted Reproduction and Genetics</i> , 2021, 38, 1737-1743.	1.2	12
10	Physiological response of rainbow trout ( <i>Oncorhynchus mykiss</i> ) to graded levels of <i>Hermetia illucens</i> or poultry by-product meals as single or combined substitute ingredients to dietary plant proteins. <i>Aquaculture</i> , 2021, 538, 736550.	1.7	52
11	Physiological responses of Siberian sturgeon ( <i>Acipenser baerii</i> ) juveniles fed on full-fat insect-based diet in an aquaponic system. <i>Scientific Reports</i> , 2021, 11, 1057.	1.6	25
12	Polydatin Beneficial Effects in Zebrafish Larvae Undergoing Multiple Stress Types. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1116.	1.2	3
13	De novo transcriptome assembly, functional annotation and characterization of the Atlantic bluefin tuna ( <i>Thunnus thynnus</i> ) larval stage. <i>Marine Genomics</i> , 2021, 58, 100834.	0.4	2
14	A Comparison of Reproductive Performances in Young and Old Females: A Case Study on the Atlantic Bluefin Tuna in the Mediterranean Sea. <i>Animals</i> , 2021, 11, 3340.	1.0	1
15	Enterocolic increase of cannabinoid receptor type 1 and type 2 and clinical improvement after probiotic administration in dogs with chronic signs of colonic dysmotility without mucosal inflammatory changes. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13717.	1.6	14
16	Black Soldier Fly ( <i>Hermetia illucens</i> ) reared on roasted coffee by-product and <i>Schizochytrium</i> sp. as a sustainable terrestrial ingredient for aquafeeds production. <i>Aquaculture</i> , 2020, 518, 734659.	1.7	60
17	Maturity assignment based on histologyâ€validated macroscopic criteria: Tackling the stock decline of the Mediterranean swordfish ( <i>Xiphias gladius</i> ). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 303-314.	0.9	11
18	The Impact of Controlled Ovarian Stimulation Hormones on the Metabolic State and Endocannabinoid System of Human Cumulus Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7124.	1.8	13

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19	Zebrafish ( <i>Danio rerio</i> ) physiological and behavioural responses to insect-based diets: a multidisciplinary approach. <i>Scientific Reports</i> , 2020, 10, 10648.	1.6	52
20	Can Insect-Based Diets Affect Zebrafish ( <i>Danio rerio</i> ) Reproduction? A Multidisciplinary Study. <i>Zebrafish</i> , 2020, 17, 287-304.	0.5	12
21	Knockout of the Glucocorticoid Receptor Impairs Reproduction in Female Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9073.	1.8	18
22	Loss of Mitochondrial Genetic Diversity in Overexploited Mediterranean Swordfish ( <i>Xiphias gladius</i> ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	7
23	Synthesis, Structural Insights and Activity of Different Classes of Biomolecules. , 2020, , 463-482.		1
24	Chapter 6 Structure of Mature Oocytes. , 2020, , 93-111.		2
25	Mediterranean swordfish ( <i>Xiphias gladius</i> Linnaeus, 1758) population structure revealed by microsatellite DNA: genetic diversity masked by population mixing in shared areas. <i>PeerJ</i> , 2020, 8, e9518.	0.9	2
26	Insights on the seasonal variations of reproductive features in the Eastern Atlantic Bluefin Tuna. <i>General and Comparative Endocrinology</i> , 2019, 282, 113216.	0.8	9
27	Macromolecular Characterization of Swordfish Oocytes by FTIR Imaging Spectroscopy. <i>Scientific Reports</i> , 2019, 9, 8850.	1.6	10
28	A de novo transcriptome assembly approach elucidates the dynamics of ovarian maturation in the swordfish ( <i>Xiphias gladius</i> ). <i>Scientific Reports</i> , 2019, 9, 7375.	1.6	12
29	Vibrational characterization of granulosa cells from patients affected by unilateral ovarian endometriosis: New insights from infrared and Raman microspectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 206-214.	2.0	32
30	Effects of Lactogen 13, a New Probiotic Preparation, on Gut Microbiota and Endocrine Signals Controlling Growth and Appetite of <i>Oreochromis niloticus</i> Juveniles. <i>Microbial Ecology</i> , 2018, 76, 1063-1074.	1.4	23
31	Effects of diethylene glycol dibenzoate and Bisphenol A on the lipid metabolism of <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2018, 636, 641-655.	3.9	58
32	Rearing Zebrafish on Black Soldier Fly ( <i>Hermetia illucens</i> ): Biometric, Histological, Spectroscopic, Biochemical, and Molecular Implications. <i>Zebrafish</i> , 2018, 15, 404-419.	0.5	53
33	Does the molecular and metabolic profile of human granulosa cells correlate with oocyte fate? New insights by Fourier transform infrared microspectroscopy analysis. <i>Molecular Human Reproduction</i> , 2018, 24, 521-532.	1.3	15
34	New insights on the macromolecular building of rainbow trout ( <i>O. mykiss</i> ) intestine: FTIR Imaging and histological correlative study. <i>Aquaculture</i> , 2018, 497, 1-9.	1.7	31
35	Endocrine disruptors in the diet of male <i>Sparus aurata</i> : Modulation of the endocannabinoid system at the hepatic and central level by Di-isononyl phthalate and Bisphenol A. <i>Environment International</i> , 2018, 119, 54-65.	4.8	38
36	Partial Dietary Inclusion of <i>Hermetia illucens</i> (Black Soldier Fly) Full-Fat Prepupae in Zebrafish Feed: Biometric, Histological, Biochemical, and Molecular Implications. <i>Zebrafish</i> , 2018, 15, 519-532.	0.5	63

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37	Integrated control of fish metabolism, wellbeing and reproduction: The role of probiotic. <i>Aquaculture</i> , 2017, 472, 144-155.	1.7	101
38	Host-probiotic interaction: new insight into the role of the endocannabinoid system by in vivo and ex vivo approaches. <i>Scientific Reports</i> , 2017, 7, 1261.	1.6	30
39	Dose-Specific Effects of Di-Isononyl Phthalate on the Endocannabinoid System and on Liver of Female Zebrafish. <i>Endocrinology</i> , 2017, 158, 3462-3476.	1.4	45
40	Effects of diisononyl phthalate on <i>Danio rerio</i> reproduction. <i>Environmental Pollution</i> , 2017, 231, 1051-1062.	3.7	48
41	Effects of BPA on female reproductive function: The involvement of epigenetic mechanism. <i>General and Comparative Endocrinology</i> , 2017, 245, 122-126.	0.8	77
42	Probiotic treatment reduces appetite and glucose level in the zebrafish model. <i>Scientific Reports</i> , 2016, 6, 18061.	1.6	85
43	Bisphenol A Induces Fatty Liver by an Endocannabinoid-Mediated Positive Feedback Loop. <i>Endocrinology</i> , 2016, 157, 1751-1763.	1.4	67
44	A comparison of techniques for studying oogenesis in the European eel <i>Anguilla anguilla</i> . <i>Journal of Fish Biology</i> , 2016, 89, 2055-2069.	0.7	5
45	BPA-Induced Deregulation Of Epigenetic Patterns: Effects On Female Zebrafish Reproduction. <i>Scientific Reports</i> , 2016, 6, 21982.	1.6	134
46	Characterization of Ambra1 in asexual cycle of a non-vertebrate chordate, the colonial tunicate <i>Botryllus schlosseri</i> , and phylogenetic analysis of the protein group in Bilateria. <i>Molecular Phylogenetics and Evolution</i> , 2016, 95, 46-57.	1.2	5
47	<i>Lactobacillus rhamnosus</i> lowers zebrafish lipid content by changing gut microbiota and host transcription of genes involved in lipid metabolism. <i>Scientific Reports</i> , 2015, 5, 9336.	1.6	194
48	Effect of the probiotic <i>Lactobacillus rhamnosus</i> on the expression of genes involved in European eel spermatogenesis. <i>Theriogenology</i> , 2015, 84, 1321-1331.	0.9	29
49	Beneficial Bacteria Affect <i>Danio rerio</i> Development by the Modulation of Maternal Factors Involved in Autophagic, Apoptotic and Dorsalizing Processes. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1706-1718.	1.1	22
50	Melatonin-mediated effects on killifish reproductive axis. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 172, 31-38.	0.8	25
51	A new approach to evaluate aging effects on human oocytes: Fourier transform infrared imaging spectroscopy study. <i>Fertility and Sterility</i> , 2014, 101, 120-127.	0.5	22
52	A developmental hepatotoxicity study of dietary bisphenol A in <i>Sparus aurata</i> juveniles. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 166, 1-13.	1.3	37
53	The Influence of Probiotics on Zebrafish <i>Danio Rerio</i> Innate Immunity and Hepatic Stress. <i>Zebrafish</i> , 2014, 11, 98-106.	0.5	66
54	<i>Ambra1</i> knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. <i>Autophagy</i> , 2013, 9, 476-495.	4.3	46

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55	Assay of vtg, ERs and PPARs as endpoint for the rapid in vitro screening of the harmful effect of Di-(2-ethylhexyl)-phthalate (DEHP) and phthalic acid (PA) in zebrafish primary hepatocyte cultures. <i>Toxicology in Vitro</i> , 2013, 27, 84-91.	1.1	66
56	Interplay between autophagy and apoptosis in the development of <i>Danio rerio</i> follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1115.	0.1	59
57	Probiotic Supplementation Promotes Calcification in <i>Danio rerio</i> Larvae: A Molecular Study. <i>PLoS ONE</i> , 2013, 8, e83155.	1.1	53
58	Melatonin effects on <i>Fundulus heteroclitus</i> reproduction. <i>Reproduction, Fertility and Development</i> , 2012, 24, 794.	0.1	17
59	The role of melatonin on zebrafish follicle development: An FT-IR imaging approach. <i>Vibrational Spectroscopy</i> , 2012, 62, 279-285.	1.2	14
60	Probiotics Can Induce Follicle Maturation Competence: The <i>Danio rerio</i> Case 1. <i>Biology of Reproduction</i> , 2012, 86, 65.	1.2	71
61	Expression of immune-related genes in rainbow trout ( <i>Oncorhynchus mykiss</i> ) induced by probiotic bacteria during <i>Lactococcus garvieae</i> infection. <i>Fish and Shellfish Immunology</i> , 2011, 31, 196-201.	1.6	193
62	Melatonin Induces Follicle Maturation in <i>Danio rerio</i> . <i>PLoS ONE</i> , 2011, 6, e19978.	1.1	80
63	Perspectives on endocrine disruptor effects on metabolic sensors. <i>General and Comparative Endocrinology</i> , 2011, 170, 416-423.	0.8	42
64	Effects of <i>Lactobacillus rhamnosus</i> on zebrafish oocyte maturation: an FTIR imaging and biochemical analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 3063-3072.	1.9	60
65	Melatonin control of oogenesis and metabolic resources in Zebrafish. <i>Journal of Applied Ichthyology</i> , 2010, 26, 826-830.	0.3	18
66	Welfare improvement using alginate acid in rainbow trout ( <i>Oncorhynchus mykiss</i> ) juveniles. <i>Chemistry and Ecology</i> , 2010, 26, 111-121.	0.6	18
67	Increase of fecundity by probiotic administration in zebrafish ( <i>Danio rerio</i> ). <i>Reproduction</i> , 2010, 140, 953-959.	1.1	94
68	Application of multi-species of <i>Bacillus</i> in sea bream larviculture. <i>Aquaculture</i> , 2010, 305, 12-19.	1.7	95
69	FT-IR Microspectroscopy on molecular building of Zebrafish oocytes. <i>Journal of Molecular Structure</i> , 2009, 938, 207-213.	1.8	26
70	Effects of Ergosan on the expression of cytokine genes in the liver of juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> ) exposed to enteric red mouth vaccine. <i>Veterinary Immunology and Immunopathology</i> , 2008, 123, 215-222.	0.5	42
71	The role of fatty acids enrichments in the larviculture of false percula clownfish <i>Amphiprion ocellaris</i> . <i>Aquaculture</i> , 2007, 273, 87-95.	1.7	62
72	Growth improvement by probiotic in European sea bass juveniles ( <i>Dicentrarchus labrax</i> , L.), with particular attention to IGF-1, myostatin and cortisol gene expression. <i>Aquaculture</i> , 2006, 258, 430-438.	1.7	248

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73	Hormonal Control of the IGF System in the Sea Bream Ovary. Annals of the New York Academy of Sciences, 2005, 1040, 320-322.	1.8	20