Eduardo Rocha

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2304992/publications.pdf

Version: 2024-02-01

214	4,538	101384	168136
papers	citations	36 h-index	53 g-index

216	216	216	5361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioactive compounds from brown seaweeds: Phloroglucinol, fucoxanthin and fucoidan as promising therapeutic agents against breast cancer. Phytochemistry Letters, 2015, 14, 91-98.	0.6	148
2	Partial replacement of fish oil by soybean oil on lipid distribution and liver histology in European sea bass (Dicentrarchus labrax) and rainbow trout (Oncorhynchus mykiss) juveniles. Aquaculture Nutrition, 2005, 11, 147-155.	1.1	146
3	Spatiotemporal distribution of pharmaceuticals in the Douro River estuary (Portugal). Science of the Total Environment, 2010, 408, 5513-5520.	3.9	116
4	Growth dynamics of white and red muscle fibres in fast- and slow-growing strains of rainbow trout. Journal of Fish Biology, 1999, 55, 675-691.	0.7	110
5	Seasonal and Spatial Distribution of Several Endocrine-Disrupting Compounds in the Douro River Estuary, Portugal. Archives of Environmental Contamination and Toxicology, 2009, 56, 1-11.	2.1	102
6	The evolutionary history of the stearoyl-CoA desaturase gene family in vertebrates. BMC Evolutionary Biology, 2011, 11, 132.	3.2	90
7	Effects of gender and temperature on oxidative stress enzymes in Nile tilapia Oreochromis niloticus exposed to paraquat. Pesticide Biochemistry and Physiology, 2006, 85, 97-103.	1.6	81
8	Quality differences of gilthead sea bream from distinct production systems in Southern Europe: Intensive, integrated, semi-intensive or extensive systems. Food Control, 2011, 22, 708-717.	2.8	76
9	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal): Evaluation of impacts on fish liver, by histopathology, stereology, vitellogenin and CYP1A immunohistochemistry, after sub-acute exposures of the zebrafish model. Environmental Toxicology and Pharmacology, 2012, 34, 34-45.	2.0	73
10	Quantitative histopathology of Oreochromis niloticus gills after copper exposure. Journal of Fish Biology, 2008, 73, 1376-1392.	0.7	67
11	The use of designâ€based stereology to evaluate volumes and numbers in the liver: a review with practical guidelines. Journal of Anatomy, 2012, 220, 303-317.	0.9	64
12	Effects of ethinylestradiol and of an environmentally relevant mixture of xenoestrogens on steroidogenic gene expression and specific transcription factors in zebrafish. Environmental Pollution, 2012, 164, 28-35.	3.7	63
13	Biochemical and histological hepatic changes of Nile tilapia Oreochromis niloticus exposed to carbaryl. Pesticide Biochemistry and Physiology, 2007, 89, 73-80.	1.6	60
14	Monitoring pollution in Esmorizâ€“Paramos lagoon, Portugal: Liver histological and biochemical effects in Liza saliens. Environmental Monitoring and Assessment, 2008, 145, 315-322.	1.3	60
15	Previtellogenic oocyte growth and transcriptional changes of steroidogenic enzyme genes in immature female Atlantic cod (Gadus morhua L.) after exposure to the androgens 11-ketotestosterone and testosterone. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 304-313.	0.8	60
16	Anticancer effects of seaweed compounds fucoxanthin and phloroglucinol, alone and in combination with 5-fluorouracil in colon cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 776-787.	1.1	60
17	Distribution of endocrine disruptors in the Mondego River estuary, Portugal. Environmental Monitoring and Assessment, 2009, 149, 183-193.	1.3	58
18	Incubation temperature induces changes in muscle cellularity and gene expression in Senegalese sole (Solea senegalensis). Gene, 2013, 516, 209-217.	1.0	58

#	Article	IF	Citations
19	DNA fragmentation in human sperm after magnetic-activated cell sorting. Journal of Assisted Reproduction and Genetics, 2015, 32, 147-154.	1.2	56
20	Identification and organ expression of peroxisome proliferator activated receptors in brown trout (Salmo trutta f. fario). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1731, 88-94.	2.4	54
21	Determination of 54 pesticides in waters of the Iberian Douro River estuary and risk assessment of environmentally relevant mixtures using theoretical approaches and Artemia salina and Daphnia magna bioassays. Ecotoxicology and Environmental Safety, 2017, 145, 126-134.	2.9	53
22	Testing the effects of ethinylestradiol and of an environmentally relevant mixture of xenoestrogens as found in the Douro River (Portugal) on the maturation of fish gonadsâ€"A stereological study using the zebrafish (Danio rerio) as model. Aquatic Toxicology, 2012, 124-125, 1-10.	1.9	51
23	Liver of the brown trout,Salmo trutta (Teleostei, Salmonidae): A stereological study at light and electron microscopic levels. The Anatomical Record, 1997, 247, 317-328.	2.3	48
24	The Effect of Paraquat on Hepatic EROD Activity, Liver, and Gonadal Histology in Males and Females of Nile Tilapia, Oreochromis niloticus, Exposed at Different Temperatures. Archives of Environmental Contamination and Toxicology, 2006, 51, 626-632.	2.1	48
25	Bis-Indolyl Benzenoids, Hydroxypyrrolidine Derivatives and Other Constituents from Cultures of the Marine Sponge-Associated Fungus Aspergillus candidus KUFA0062. Marine Drugs, 2018, 16, 119.	2.2	48
26	Zebrafish sex differentiation and gonad development after exposure to 17Î±-ethinylestradiol, fadrozole and their binary mixture: A stereological study. Aquatic Toxicology, 2015, 166, 83-95.	1.9	47
27	Development and recovery of histopathological alterations in the gonads of zebrafish (Danio rerio) after single and combined exposure to endocrine disruptors (17Î±-ethinylestradiol and fadrozole). Aquatic Toxicology, 2016, 175, 90-105.	1.9	44
28	Design-based stereological estimation of hepatocyte number, by combining the smooth optical fractionator and immunocytochemistry with anti-carcinoembryonic antigen polyclonal antibodies. Liver International, 2006, 26, 116-124.	1.9	43
29	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal): Assessing impacts on gonadal maturation with a histopathological and stereological study of zebrafish ovary and testis after sub-acute exposures. Aquatic Toxicology, 2011, 105, 292-299.	1.9	42
30	Dynamics of PPARs, fatty acid metabolism genes and lipid classes in eggs and early larvae of a teleost. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 164, 247-258.	0.7	40
31	Effects of the Fungicide Mancozeb on Liver Structure of Nile Tilapia, Oreochromis niloticus: Assessment and Quantification of Induced Cytological Changes Using Qualitative Histopathology and the Stereological Point-Sampled Intercept Method. Bulletin of Environmental Contamination and Toxicology, 2006, 76, 249-255.	1.3	39
32	Occurrence and seasonal loads of pesticides in surface water and suspended particulate matter from a wetland of worldwide interestâ€"the Ria Formosa Lagoon, Portugal. Environmental Monitoring and Assessment, 2015, 187, 669.	1.3	39
33	Environmental assessment of pesticides in the Mondego River Estuary (Portugal). Marine Pollution Bulletin, 2016, 103, 240-246.	2.3	39
34	Y-chromosome microdeletions in nonobstructive azoospermia and severe oligozoospermia. Asian Journal of Andrology, 2017, 19, 338.	0.8	39
35	Histology of the digestive tract of the freshwater stingray Himantura signifer Compagno and Roberts, 1982 (Elasmobranchii, Dasyatidae). Anatomy and Embryology, 2006, 211, 507-518.	1.5	38
36	Quantification of 17 endocrine disruptor compounds and their spatial and seasonal distribution in the Iberian Ave River and its coastline. Toxicological and Environmental Chemistry, 2013, 95, 386-399.	0.6	38

#	Article	IF	Citations
37	Androgenic Modulation of Early Growth of Atlantic Cod (Gadus morhua L.) Previtellogenic Oocytes and Zona Radiata-Related Genes. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2009, 72, 184-195.	1.1	37
38	Caspase signalling pathways in human spermatogenesis. Journal of Assisted Reproduction and Genetics, 2013, 30, 487-495.	1.2	37
39	Spatial and seasonal distribution of 17 endocrine disruptor compounds in an urban estuary (Mondego) Tj ETQq1 1 0.784314 rgBT /Ov Assessment, 2014, 186, 3337-3350.	1.3	37
40	Normalization strategies for gene expression studies by real-time PCR in a marine fish species, Scophthalmus maximus. Marine Genomics, 2013, 10, 17-25.	0.4	35
41	Dietary protein, growth, nutrient utilization and body composition of juvenile blackspot seabream, Pagellus bogaraveo (Brunnich). Aquaculture Research, 2006, 37, 1007-1014.	0.9	34
42	Warming modulates the effects of the endocrine disruptor progestin levonorgestrel on the zebrafish fitness, ovary maturation kinetics and reproduction success. Environmental Pollution, 2017, 229, 300-311.	3.7	33
43	Glycosaminoglycans in human retinoblastoma cells: heparan sulfate, a modulator of the pigment epithelium-derived factor-receptor interactions. BMC Biochemistry, 2003, 4, 1.	4.4	32
44	Development and Validation of a HPLCâ€ÐAD Method for Determination of Several Endocrine Disrupting Compounds in Estuarine Water. Journal of Liquid Chromatography and Related Technologies, 2007, 30, 2729-2746.	0.5	32
45	A stereological study of copper toxicity in gills of Oreochromis niloticus. Ecotoxicology and Environmental Safety, 2009, 72, 213-223.	2.9	32
46	Determination of Polycyclic Aromatic Hydrocarbons in Coastal Sediments from the Porto Region (Portugal) by Microwave-Assisted Extraction, Followed by SPME and GC-MS. Journal of Chromatographic Science, 2011, 49, 695-701.	0.7	32
47	Frequency of micronuclei and of other nuclear abnormalities in erythrocytes of the grey mullet from the Mondego, Douro and Ave estuariesâ€"Portugal. Environmental Science and Pollution Research, 2014, 21, 6057-6068.	2.7	32
48	Cytotoxic activity of Secondary Metabolites from Marineâ€derived Fungus Neosartorya siamensis in Human Cancer Cells. Phytotherapy Research, 2016, 30, 1862-1871.	2.8	32
49	Microanatomical organization of hepatic stroma of the brown trout,Salmo trutta fario (Teleostei,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.6	31
50	Development and validation of a GC-MS method for determination of 39 common pesticides in estuarine water â€“ targeting hazardous amounts in the Douro River estuary. International Journal of Environmental Analytical Chemistry, 2012, 92, 1587-1608.	1.8	30
51	Drug resistance in glioblastoma and cytotoxicity of seaweed compounds, alone and in combination with anticancer drugs: A mini review. Phytomedicine, 2018, 48, 84-93.	2.3	30
52	Dietary protein content influences both growth and size distribution of anterior and posterior muscle fibres in juveniles of Pagellus bogaraveo (Brunnich). Journal of Muscle Research and Cell Motility, 2009, 30, 29-39.	0.9	29
53	Cutaneous transmissible venereal tumor without genital involvement in a prepubertal female dog. Veterinary Clinical Pathology, 2006, 35, 106-109.	0.3	28
54	Spatial distribution and quantification of endocrine-disrupting chemicals in Sado River estuary, Portugal. Environmental Monitoring and Assessment, 2009, 159, 415-427.	1.3	28

#	Article	IF	Citations
55	Seasonal variation of physical, chemical and sensory characteristics of sea bream (Sparus aurata) reared under intensive conditions in Southern Europe. Food Control, 2011, 22, 574-585.	2.8	28
56	Development and application of a QuEChERS-based extraction method for the analysis of 55 pesticides in the bivalve Scrobicularia plana by GC-MS/MS. Analytical and Bioanalytical Chemistry, 2016, 408, 3681-3698.	1.9	28
57	Ultrastructural study of the spermatogenesis ofAnodonta cygneaL. (Bivalvia, Unionidae). Invertebrate Reproduction and Development, 1990, 18, 169-176.	0.3	27
58	Occurrence of endocrine disruptor compounds in the estuary of the Iberian Douro River and nearby Porto Coast (NW Portugal). Toxicological and Environmental Chemistry, 2012, 94, 252-261.	0.6	27
59	Endocrine disruptors in the LeÃ§a River and nearby Porto Coast (NW Portugal): presence of estrogenic compounds and hypoxic conditions. Toxicological and Environmental Chemistry, 2012, 94, 262-274.	0.6	26
60	Determination of 17 endocrine disruptor compounds and their spatial and seasonal distribution in the Sado River Estuary (Portugal). Toxicological and Environmental Chemistry, 2013, 95, 237-253.	0.6	26
61	Development and validation of a GCâ€“MS method for the evaluation of 17 endocrine disruptor compounds, including phytoestrogens and sitosterol, in coastal waters â€“ their spatial and seasonal levels in Porto costal region (Portugal). Journal of Water and Health, 2013, 11, 281-296.	1.1	25
62	A step forward using QuEChERS (Quick, Easy, Cheap, Effective, Rugged, and Safe) based extraction and gas chromatography-tandem mass spectrometryâ€”levels of priority polycyclic aromatic hydrocarbons in wild and commercial mussels. Environmental Science and Pollution Research, 2014, 21, 6089-6098.	2.7	25
63	Potential of four marine-derived fungi extracts as anti-proliferative and cell death-inducing agents in seven human cancer cell lines. Asian Pacific Journal of Tropical Medicine, 2015, 8, 798-806.	0.4	25
64	Cytotoxic activity of fucoxanthin, alone and in combination with the cancer drugs imatinib and doxorubicin, in CML cell lines. Environmental Toxicology and Pharmacology, 2018, 59, 24-33.	2.0	25
65	Cytotoxic activity of the seaweed compound fucosterol, alone and in combination with 5-fluorouracil, in colon cells using 2D and 3D culturing. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 537-549.	1.1	25
66	A qualitative and quantitative study of the hepatic pigmented macrophage aggregates during the breeding cycle of ohrid trout, Salmo letnica Kar. (Teloestei, Salmonidae). Microscopy Research and Technique, 2008, 71, 822-830.	1.2	24
67	Seasonal-spatial survey of pesticides in the most significant estuary of the Iberian Peninsula â€“ the Tagus River estuary. Journal of Cleaner Production, 2016, 126, 419-427.	4.6	24
68	Multi-matrix quantification and risk assessment of pesticides in the longest river of the Iberian peninsula. Science of the Total Environment, 2016, 572, 263-272.	3.9	23
69	Stereological assessment of sexual dimorphism in the rat liver reveals differences in hepatocytes and Kupffer cells but not hepatic stellate cells. Journal of Anatomy, 2016, 228, 996-1005.	0.9	22
70	Interactive effects of increased temperature, pCO2 and the synthetic progestin levonorgestrel on the fitness and breeding of the amphipod Gammarus locusta. Environmental Pollution, 2018, 236, 937-947.	3.7	22
71	Combined effects of increased temperature and levonorgestrel exposure on zebrafish female liver, using stereology and immunohistochemistry against catalase, CYP1A, HSP90 and vitellogenin. Environmental Pollution, 2019, 252, 1059-1067.	3.7	22
72	A quantitative study of the hepatic eosinophilic granule cells and rodlet cells during the breeding cycle of Ohrid trout, Salmo letnica Kar. (Teloestei, Salmonidae). Fish and Shellfish Immunology, 2007, 23, 473-478.	1.6	21

#	Article	IF	Citations
73	Uncovering seasonal patterns of 56 pesticides in surface coastal waters of the Ria Formosa lagoon (Portugal), using a GC-MS method. International Journal of Environmental Analytical Chemistry, 2015, 95, 1370-1384.	1.8	21
74	Cytotoxic and Antiproliferative Effects of Preussin, a Hydroxypyrrolidine Derivative from the Marine Sponge-Associated Fungus Aspergillus candidus KUFA 0062, in a Panel of Breast Cancer Cell Lines and Using 2D and 3D Cultures. Marine Drugs, 2019, 17, 448.	2.2	21
75	Cytochemical detection of calcium in a case of calcinosis circumscripta in a dog. Veterinary Clinical Pathology, 2006, 35, 239-242.	0.3	20
76	Pollution by endocrine disruptors in a southwest European temperate coastal lagoon (Ria de Aveiro,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	20
77	Spatial relationships of the intrahepatic vascularâ€“biliary tracts and associated pancreatic acini of Nile tilapia, Oreochromis niloticus (Teleostei, Cichlidae): A serial section study by light microscopy. Annals of Anatomy, 2007, 189, 17-30.	1.0	19
78	Muscle differentiation in blackspot seabream (Pagellus bogaraveo, Brunnich): Histochemical and immunohistochemical study of the fibre types. Tissue and Cell, 2008, 40, 447-458.	1.0	19
79	Genomic approach in evaluating the role of androgens on the growth of Atlantic cod (Gadus morhua) previtellogenic oocytes. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2008, 3, 205-218.	0.4	19
80	Seasonal and gender variation of peroxisome proliferator activated receptors expression in brown trout liver. General and Comparative Endocrinology, 2009, 161, 146-152.	0.8	19
81	An unbiased stereological study on subpopulations of rat liver macrophages and on their numerical relation with the hepatocytes and stellate cells. Journal of Anatomy, 2009, 214, 744-751.	0.9	19
82	Cloning and expression analysis of the 17Î² hydroxysteroid dehydrogenase type 12 (HSD17B12) in the neogastropod Nucella lapillus. Journal of Steroid Biochemistry and Molecular Biology, 2013, 134, 8-14.	1.2	19
83	Effect ofin vitroexposure to lead chloride on semen quality and sperm DNA fragmentation. Zygote, 2015, 23, 384-393.	0.5	19
84	Acyl-coenzyme A oxidases 1 and 3 in brown trout (Salmo trutta f. fario): Can peroxisomal fatty acid Î²-oxidation be regulated by estrogen signaling?. Fish Physiology and Biochemistry, 2016, 42, 389-401.	0.9	19
85	PAHs in water and surface sediments from Douro River estuary and Porto Atlantic coast (Portugal)â€”impacts on human health. Environmental Monitoring and Assessment, 2017, 189, 425.	1.3	19
86	Cytological, immunocytochemical, ultrastructural and growth characterization of the rainbow trout liver cell line RTL-W1. Tissue and Cell, 2013, 45, 159-174.	1.0	18
87	Determination of seventeen endocrine disruptor compounds and their spatial and seasonal distribution in Ria Formosa Lagoon (Portugal). Environmental Monitoring and Assessment, 2013, 185, 8215-8226.	1.3	18
88	Sperm DNA fragmentation is related to sperm morphological staining patterns. Reproductive BioMedicine Online, 2015, 31, 506-515.	1.1	18
89	Measurement of peroxisomal enzyme activities in the liver of brown trout (Salmo trutta), using spectrophotometric methods. BMC Biochemistry, 2003, 4, 2.	4.4	17
90	Liver Histopathology in Brown Trout (Salmo trutta f. fario) from the Tinhela River, Subjected to Mine Drainage from the Abandoned Jales Mine (Portugal). Bulletin of Environmental Contamination and Toxicology, 2009, 83, 35-41.	1.3	17

#	Article	IF	Citations
91	Changes in morphometry and association between whole-body fatty acids and steroid hormone profiles in relation to bioaccumulation patterns in salmon larvae exposed to perfluorooctane sulfonic or perfluorooctane carboxylic acids. Aquatic Toxicology, 2013, 130-131, 219-230.	1.9	17
92	Synthetic Progestins in Waste and Surface Waters: Concentrations, Impacts and Ecological Risk. Toxics, 2022, 10, 163.	1.6	17
93	A Stereological Study on the Nuclear Volume of Cerebellar Granule Cells in Aging Rats. Neurobiology of Aging, 1997, 18, 199-203.	1.5	16
94	A mollusk VDR/PXR/CAR-like (NR1J) nuclear receptor provides insight into ancient detoxification mechanisms. Aquatic Toxicology, 2016, 174, 61-69.	1.9	16
95	The Origin and Diversity of Cpt1 Genes in Vertebrate Species. PLoS ONE, 2015, 10, e0138447.	1.1	16
96	Marine-derived fungi extracts enhance the cytotoxic activity of doxorubicin in nonsmall cell lung cancer cells A459. Pharmacognosy Research (discontinued), 2017, 9, 92.	0.3	16
97	Hyperplastic and hypertrophic growth of lateral muscle in blackspot seabream Pagellus bogaraveo from hatching to juvenile. Journal of Fish Biology, 2009, 74, 37-53.	0.7	15
98	Effects of the PPARÎ± agonist WY-14,643 on plasma lipids, enzymatic activities and mRNA expression of lipid metabolism genes in a marine flatfish, Scophthalmus maximus. Aquatic Toxicology, 2015, 164, 155-162.	1.9	15
99	Pollution by oestrogenic endocrine disruptors and Î²-sitosterol in a south-western European river (Mira, Portugal). Environmental Monitoring and Assessment, 2016, 188, 240.	1.3	15
100	Bioactive Compounds from Seaweed with Anti-Leukemic Activity: A Mini-Review on Carotenoids and Phlorotannins. Mini-Reviews in Medicinal Chemistry, 2020, 20, 39-53.	1.1	15
101	The hepatocytes of the brown trout (Salmo trutta f. fario): a quantitative study using design-based stereology. Histology and Histopathology, 2001, 16, 423-37.	0.5	15
102	Presence of rodlet cells in the intrahepatic biliary ducts of the brown trout, Salmo trutta fario Linnaeus, 1758 (Teleostei, Salmonidae). Canadian Journal of Zoology, 1994, 72, 1683-1687.	0.4	14
103	The hepatocytes of the brown trout (Salmo trutta f. fario): a stereological study of their number and size during the breeding cycle. Ichthyological Research, 2009, 56, 43-54.	0.5	14
104	Use of destained cytology slides for the application of routine special stains. Veterinary Clinical Pathology, 2009, 38, 94-102.	0.3	14
105	Histological and Stereological Characterization of Brown Trout (Salmo truttaf.fario) Trunk Kidney. Microscopy and Microanalysis, 2010, 16, 677-687.	0.2	14
106	The toxicity potential of pharmaceuticals found in the Douro River estuary (Portugal)â€"Experimental assessment using a zebrafish embryo test. Environmental Toxicology and Pharmacology, 2011, 32, 212-7.	2.0	14
107	In vitroexposure of Nile tilapia (Oreochromis niloticus) testis to estrogenic endocrine disrupting chemicals: mRNA expression of genes encoding steroidogenic enzymes. Toxicology Mechanisms and Methods, 2012, 22, 47-53.	1.3	14
108	Toxicological relevance of endocrine disruptors in the Tagus River estuary (Lisbon, Portugal). Environmental Monitoring and Assessment, 2015, 187, 483.	1.3	14

#	Article	IF	Citations
109	Estrogenic and anti-estrogenic influences in cultured brown trout hepatocytes: Focus on the expression of some estrogen and peroxisomal related genes and linked phenotypic anchors. Aquatic Toxicology, 2015, 169, 133-142.	1.9	14
110	Temporal-spatial survey of PAHs and PCBs in the Atlantic Iberian northwest coastline, and evaluation of their sources and risks for both humans and aquatic organisms. Chemosphere, 2021, 279, 130506.	4.2	14
111	Crude extracts of marine-derived and soil fungi of the genus Neosartorya exhibit selective anticancer activity by inducing cell death in colon, breast and skin cancer cell lines. Pharmacognosy Research (discontinued), 2016, 8, 8.	0.3	14
112	Age-related changes in the volume of somata and organelles of cerebellar granule cells. Neurobiology of Aging, 1998, 19, 325-332.	1.5	13
113	Tissue expression of PPAR-alpha isoforms in Scophthalmus maximus and transcriptional response of target genes in the heart after exposure to WY-14643. Fish Physiology and Biochemistry, 2013, 39, 1043-1055.	0.9	13
114	Cytotoxicity of Seaweed Compounds, Alone or Combined to Reference Drugs, against Breast Cell Lines Cultured in 2D and 3D. Toxics, 2021, 9, 24.	1.6	13
115	Estimation of the number of stellate cells in a liver with the smooth fractionator. Journal of Microscopy, 2004, 215, 174-182.	0.8	12
116	A novel Acetyl-CoA synthetase short-chain subfamily member 1 (Acss1) gene indicates a dynamic history of paralogue retention and loss in vertebrates. Gene, 2012, 497, 249-255.	1.0	12
117	Nuclear pleomorphism: Role in grading and prognosis of canine mammary carcinomas. Veterinary Journal, 2014, 200, 426-433.	0.6	12
118	Estrogenic Compounds in Estuarine and Coastal Water Environments of the Iberian Western Atlantic Coast and Selected Locations Worldwide â€" Relevancy, Trends and Challenges in View of the EU Water Framework Directive. , 0, , .		12
119	Sex-steroids and hypolipidemic chemicals impacts on brown trout lipid and peroxisome signaling â€" Molecular, biochemical and morphological insights. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 212, 1-17.	1.3	12
120	Fucoxanthin Holds Potential to Become a Drug Adjuvant in Breast Cancer Treatment: Evidence from 2D and 3D Cell Cultures. Molecules, 2021, 26, 4288.	1.7	12
121	Stereologic Characterization of Bovine (Bos taurus) Cumulus-Oocyte Complexes Aspirated from Small Antral Follicles During the Diestrous Phase1. Biology of Reproduction, 2001, 65, 1383-1391.	1.2	11
122	A New Approach to an Unbiased Estimate of the Hepatic Stellate Cell Index in the Rat Liver: An Example in Healthy Conditions1. Journal of Histochemistry and Cytochemistry, 2003, 51, 1101-1104.	1.3	11
123	Temperature and gender influences on the hepatic stroma (and associated pancreatic acini) of Nile tilapia,Oreochromis niloticus (Teleostei, Cichlidae): A stereological analysis by light microscopy. Journal of Morphology, 2006, 267, 221-230.	0.6	11
124	The 17Î²-hydroxysteroid dehydrogenase 4: Gender-specific and seasonal gene expression in the liver of brown trout (Salmo trutta f. fario). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 153, 157-164.	0.7	11
125	The hepatocytes of the brown trout (Salmo trutta fario): A stereological study of some cytoplasmic components with the breeding cycle. Microscopy Research and Technique, 2010, 73, 766-778.	1.2	11
126	Estimation of volume densities of hepatocytic peroxisomes in a model fish: Catalase conventional immunofluorescence versus cytochemistry for electron microscopy. Microscopy Research and Technique, 2015, 78, 134-139.	1.2	11

#	Article	IF	Citations
127	Genome specific PPARÎ±B duplicates in salmonids and insights into estrogenic regulation in brown trout. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 208-209, 94-101.	0.7	11
128	Discordance between human sperm quality and telomere length following differential gradient separation/swim-up. Journal of Assisted Reproduction and Genetics, 2020, 37, 2581-2603.	1.2	11
129	Expression of intercellular lipid transport and cholesterol metabolism genes in eggs and early larvae stages of turbot, Scophthalmus maximus, a marine aquaculture species. Marine Biology, 2015, 162, 1673-1683.	0.7	10
130	Presence of estrogenic endocrine disruptors in three European estuaries in Northwest Iberian Peninsula (Portugal). Toxicological and Environmental Chemistry, 2019, 101, 244-264.	0.6	10
131	Disruption of classical estrogenic targets in brown trout primary hepatocytes by the model androgens testosterone and dihydrotestosterone. Aquatic Toxicology, 2020, 227, 105586.	1.9	10
132	Stereological characterization of bovine (Bos taurus) cumulus-oocyte complexes aspirated from small antral follicles during the metestrous and proestrous phases. Theriogenology, 2003, 60, 429-443.	0.9	9
133	Changes in the amount of kidney pigmented macrophage aggregates throughout the breeding cycle of female Ohrid trout, Salmo letnica Kar. (Teleostei, Salmonidae). Microscopy Research and Technique, 2012, 75, 176-181.	1.2	9
134	Peroxisome proliferator-activated receptor gamma (PPARÎ³) in brown trout: Interference of estrogenic and androgenic inputs in primary hepatocytes. Environmental Toxicology and Pharmacology, 2016, 46, 328-336.	2.0	9
135	Can marineâ€derived fungus Neosartorya siamensis KUFA 0017 extract and its secondary metabolites enhance antitumor activity of doxorubicin? An in vitro survey unveils interactions against lung cancer cells. Environmental Toxicology, 2020, 35, 507-517.	2.1	9
136	The liver of the brown trout, Salmo trutta fario: a light and electron microscope study. Journal of Anatomy, 1994, 185 (Pt 2), 241-9.	0.9	9
137	A stereological study of medium antral follicles during the bovine estrous cycle. Tissue and Cell, 2003, 35, 313-323.	1.0	8
138	Expression of the myosin light chains 1, 2 and 3 in the muscle of blackspot seabream (Pagellus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.9	8
139	Influence of temperature on muscle fibre hyperplasia and hypertrophy in larvae of blackspot seabream, Pagellus bogaraveo. Aquaculture Research, 2011, 42, 331-340.	0.9	8
140	Contamination levels of polychlorinated biphenyls in wild versus cultivated samples of female and male mussels (Mytilus sp.) from the Northwest Coast of Iberian Peninsulaâ€"new application for QuEChERS (Quick, Easy, Cheap, Effective, Rugged, and Safe) methodology. Environmental Science and Pollution Research, 2014, 21, 1528-1540.	2.7	8
141	Studies in the mouse model identify strain variability as a major determinant of disease outcome in Leishmania infantum infection. Parasites and Vectors, 2015, 8, 644.	1.0	8
142	A stereological study on organelle distribution in human oocytes at prophase I. Zygote, 2016, 24, 346-354.	0.5	8
143	Cross-interference of two model peroxisome proliferators in peroxisomal and estrogenic pathways in brown trout hepatocytes. Aquatic Toxicology, 2017, 187, 153-162.	1.9	8
144	Characterization and spatial relationships of the hepatic vascularâ€"biliary tracts, and their associated pancreocytes and macrophages, in the model fish guppy (Poecilia reticulata): A study of serial sections by light microscopy. Tissue and Cell, 2018, 50, 104-113.	1.0	8

#	Article	IF	Citations
145	Quantitative age-related changes on nuclear invaginations of neocerebellar Purkinje cells. NeuroReport, 1992, 3, 1089-1092.	0.6	7
146	Comparative Hepatology: A journal for all hepatologists with immediate Open Access to quality peer-reviewed research. Comparative Hepatology, 2004, 3, 1.	0.9	7
147	Variations in the volumes of parenchyma and stroma of the liver and in the cytology of hepatocytes are associated with gonadal stages in female Ohrid trout (Salmo letnica). Ichthyological Research, 2013, 60, 26-35.	0.5	7
148	Morphological and molecular effects of cortisol and ACTH on zebrafish stage I and II follicles. Reproduction, 2015, 150, 429-436.	1.1	7
149	Design of a multi-parametric profile for assessing the acclimation period of juvenile brown trout after an acute transport to new housing environment. Applied Animal Behaviour Science, 2019, 219, 104835.	0.8	7
150	Genotoxic effects of combined multiple stressors on Gammarus locusta haemocytes: Interactions between temperature, pCO2 and the synthetic progestin levonorgestrel. Environmental Pollution, 2019, 245, 864-872.	3.7	7
151	A Formal Model for Natural-Language Timed Requirements of Reactive Systems. Lecture Notes in Computer Science, 2014, , 43-58.	1.0	7
152	Age Changes in Cerebellar Oligodendrocytes: The Appearance of Nuclear Filaments and Increase in the Volume Density of the Nucleus and in the Number of Dark Cell Forms.. Archives of Histology and Cytology, 1995, 58, 417-425.	0.2	6
153	Age-related changes in rat cerebellar basket cells: a quantitative study using unbiased stereological methods. Journal of Anatomy, 2001, 198, 727-736.	0.9	6
154	Activity of Purine Catabolism Enzymes during the Reproductive Cycle of Male and Female Brown Trout (Salmo trutta). Annals of the New York Academy of Sciences, 2005, 1040, 444-447.	1.8	6
155	Immunohistochemical localization of angiotensin II receptor types 1 and 2 in the mesenteric artery from spontaneously hypertensive rats. Microscopy Research and Technique, 2007, 70, 677-681.	1.2	6
156	Crystalline inclusions in hepatocytes and associated interhepatocytic macrophages from female Ohrid trout (Salmo letnica Kar.). Tissue and Cell, 2009, 41, 281-285.	1.0	6
157	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2016, 16, .	0.4	6
158	Estimating volumes from common carp hepatocytes using designâ€based stereology and examining correlations with profile areas: Revisiting a nutritional assay and unveiling guidelines to microscopists. Microscopy Research and Technique, 2019, 82, 861-871.	1.2	6
159	Age-related morphometric changes occurring in the somata of astrocytes of the granular layer of rat neocerebellar cortex (Crus I and Crus II). Histology and Histopathology, 1992, 7, 427-44.	0.5	6
160	Quantitative age-changes in endoplasmic reticulum and nucleus of cerebellar granule cellsâ˜†. Neurobiology of Aging, 2000, 21, 97-105.	1.5	5
161	Regulation of Ovarian Development and Function in Teleosts. , 2011, , 65-82.		5
162	A stereological study of the volume-weighted volume and of the relative volume of the nucleus of normal and preneoplastic hepatocytes in a trout model of hepatocarcinogenesis. Experimental and Toxicologic Pathology, 2013, 65, 623-630.	2.1	5

#	Article	IF	Citations
163	Viability analysis of oocyteâ€“follicle complexes and gonadal fragments of zebrafish as baseline for toxicity testing. Toxicology Mechanisms and Methods, 2014, 24, 42-49.	1.3	5
164	Frequencies of erythrocyte nuclear abnormalities and of leucocytes in the fish Barbus peloponnesius correlate with a pollution gradient in the River Bregalnica (Macedonia). Environmental Science and Pollution Research, 2017, 24, 10493-10509.	2.7	5
165	Testosterone-induced modulation of peroxisomal morphology and peroxisome-related gene expression in brown trout (Salmo trutta f. fario) primary hepatocytes. Aquatic Toxicology, 2017, 193, 30-39.	1.9	5
166	Histopathological Evaluation of Combined Impacts of the Synthetic Progestin Levonorgestrel and Temperature on the Female Zebrafish Maturation Using a Semi-quantitative Grading Analysisâ€”Is it Enough?. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 417-422.	1.3	5
167	Concentrations, sources and risks of PAHs in dissolved and suspended material particulate fractions from the Northwest Atlantic Coast of the Iberian Peninsula. Marine Pollution Bulletin, 2021, 165, 112143.	2.3	5
168	Age-related changes in rat cerebellar basket cells: a quantitative study using unbiased stereological methods. Journal of Anatomy, 2001, 198, 727-736.	0.9	4
169	Determination of hepatocellularity number in the rat. Toxicology in Vitro, 2007, 21, 1692-1693.	1.1	4
170	Pex11Î± in brown trout (Salmo trutta f. fario): Expression dynamics during the reproductive cycle reveals sex-specific seasonal patterns. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 207-214.	0.8	4
171	Frequency of hepatocellular fibrillar inclusions in European flounder (Platichthys flesus) from the Douro River estuary, Portugal. Environmental Science and Pollution Research, 2014, 21, 3116-3125.	2.7	4
172	Annual Fluctuations of Endocrine-Disrupting Compounds at the Lower End of the Lima River, Portugal, and in Adjacent Coastal Waters. Archives of Environmental Contamination and Toxicology, 2014, 67, 389-401.	2.1	4
173	Seasonal changes in hepatocytic lipid droplets, glycogen deposits, and rough endoplasmic reticulum along the natural breeding cycle of female ohrid trout (Salmo letnica Kar.)â€”A semiquantitative ultrastructural study. Microscopy Research and Technique, 2016, 79, 700-706.	1.2	4
174	Potential of mannan or dextrin nanogels as vaccine carrier/adjuvant systems. Journal of Bioactive and Compatible Polymers, 2016, 31, 453-466.	0.8	4
175	Histological characterization of the maturation stages of the ovarian follicles of the goldfish Carassius auratus (Linnaeus, 1758). Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2020, 49, 749-762.	0.3	4
176	Deciphering influences of testosterone and dihydrotestosterone on lipid metabolism genes using brown trout primary hepatocytes. Aquatic Toxicology, 2021, 235, 105819.	1.9	4
177	Aging, hyaluronidase removal of the cumulus, and microinjection do not affect the sperm binding potential of human oocytes. Journal of Assisted Reproduction and Genetics, 1997, 14, 97-101.	1.2	3
178	Strategies to Maximize Adhesion of Thick Paraffin Sections of the Brown Trout Liver for Stereological Purposes. Journal of Histotechnology, 2001, 24, 37-42.	0.2	3
179	Phenotypic Intratumoral Heterogeneity of Endometrial Carcinomas. International Journal of Gynecological Pathology, 2018, 37, 154-166.	0.9	3
180	Uncommon hepatic macrophagic foamyâ€cell nodules in Iberian barbel (Lucio barbus bocagei) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 1127-1135.	1.2	3

#	Article	IF	Citations
181	Silencing of PPARÎ±Bb mRNA in brown trout primary hepatocytes: effects on molecular and morphological targets under the influence of an estrogen and a PPARÎ± agonist. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 229, 1-9.	0.7	3
182	Histology and design-based estimation of hepatocellularity and volumes of hepatocytes in control and ethynylestradiol exposed males of platyfish (Xiphophorus maculatus). Tissue and Cell, 2020, 63, 101327.	1.0	3
183	Postnatal cerebellar granule cells of the white rat (Rattus norvegicus): a quantitative study, using design-based stereology. Annals of Anatomy, 2005, 187, 161-173.	1.0	2
184	Marine and Soil Fungi Extracts with Antiproliferative Activity Induce Morphological Alterations in Breast Cancer Cells. Microscopy and Microanalysis, 2015, 21, 83-84.	0.2	2
185	Overview of the Neurocytology of Ganglia and Identification of Putative Serotonin- and Dopamine-Secreting Neurons in the Bivalve Peppery Furrow Shell (Scrobicularia plana). Journal of Shellfish Research, 2017, 36, 567-576.	0.3	2
186	Qualitative and quantitative insights into the 3D microanatomy of the nervous ganglia ofScrobicularia plana(Bivalvia: Tellinoidea: Semelidae). Molluscan Research, 2018, 38, 21-28.	0.2	2
187	Pesticides in Worldwide Aquatic Systems: Part II. , 0, , .		2
188	Risk Analysis of the Organ Donation-Transplantation Process in Brazil. Transplantation Proceedings, 2021, 53, 607-611.	0.3	2
189	Multi-Parametric Portfolio to Assess the Fitness and Gonadal Maturation in Four Key Reproductive Phases of Brown Trout. Animals, 2021, 11, 1290.	1.0	2
190	First Report and 3D Reconstruction of a Presumptive Microscopic Liver Lipoma in a Black Barbel (Barbus balcanicus) from the River Bregalnica in the Republic of North Macedonia. Applied Sciences (Switzerland), 2021, 11, 8392.	1.3	2
191	Estudo estereolÃ³gico comparativo de complexos cumulus-ovÃ³cito aspirados de folÃículos durante o ciclo estral em bovinos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2005, 57, 465-475.	0.1	2
192	Ultrastructural qualitative and quantitative data on the sporogenesis of the protozoanAbelspora portucalensis (microspora, abelsporidae): A different approach to the study of microsporidia. Journal of Morphology, 1992, 213, 295-303.	0.6	1
193	Muscle development in cultured blackspot seabream Pagellus bogaraveo: preliminary histochemical and immunohistochemical data on the fibre types. Journal of Fish Biology, 2004, 65, 334-334.	0.7	1
194	Morphological Alterations Caused by Estrogenic and Anti-Estrogenic Signaling in Peroxisomes of Primary Brown Trout Hepatocytes â€“ Stereological Approach Using Catalase Immunofluorescence. Microscopy and Microanalysis, 2015, 21, 73-74.	0.2	1
195	Uncovering Morphological Interferences Caused by Androgen Inputs in Peroxisomes from Primary Brown Trout Hepatocytes Using Catalase Immunofluorescence. Microscopy and Microanalysis, 2015, 21, 71-72.	0.2	1
196	Ethinylestradiol Exposure of Primary Culture Brown Trout Hepatocytes Induce Morphological Changes in Peroxisomes. Microscopy and Microanalysis, 2015, 21, 81-82.	0.2	1
197	Seasonal and Morphological Variations of Brown Trout (Salmo truttaf.fario) Kidney Peroxisomes: A Stereological Study. Microscopy and Microanalysis, 2016, 22, 1146-1154.	0.2	1
198	Reproductive hormones affect follicular cells and ooplasm of Stage I and II oocytes in zebrafish. Reproduction, Fertility and Development, 2016, 28, 1945.	0.1	1

#	Article	IF	Citations
199	Use of the optical disector in canine mammary simple and complex carcinomas. Apmis, 2017, 125, 833-839.	0.9	1
200	Liver of the brown trout, Salmo trutta (Teleostei, Salmonidae): A stereological study at light and electron microscopic levels. , 1997, 247, 317.		1
201	Growth dynamics of white and red muscle fibres in fast- and slow-growing strains of rainbow trout. , 1999, 55, 675.		1
202	HISTOCHEMICAL EVALUATION OF IRON CONTENT IN THE LIVER OF WILD FEMALE OHRID TROUT (SALMO) Tj ETQq0 0 0 rgBT /Overlock Oddelenie Za Prirodno-matematiÄki I BiotehniÄki Nauki, 2018, 39, 129.	0.3	1
203	Cytotoxic and Anti-Proliferative Effects of Fucosterol, Alone and in Combination with Doxorubicin, in 2D and 3D Cultures of Triple-Negative Breast Cancer Cells. Medical Sciences Forum, 2020, 2, .	0.5	1
204	Annual Evaluation of 17 Oestrogenic Endocrine Disruptors and Hazard Indexes in the Douro River Estuaryâ€"The Atlantic Discharge of the Highest-Flow River of Southwestern Europe. Water (Switzerland), 2022, 14, 2046.	1.2	1
205	Are Ranvierâ€™s Nodes of the Central Nervous System also Artifacts by Preparation?. Cells Tissues Organs, 1992, 145, 179-180.	1.3	0
206	Stereological Analysis of Mitochondria and Smooth Endoplasmic Reticulum Distribution in Human Oocytes at Prophase I. Microscopy and Microanalysis, 2008, 14, 103-104.	0.2	0
207	Kinetics of the Metabolic and Morphological Alterations in Brown Trout Hepatic Peroxisomes Under Estradiol Influence. Microscopy and Microanalysis, 2015, 21, 61-62.	0.2	0
208	Stereology of Brown Trout Liver Peroxisomes at Vitellogenesis and Pre-spawning Strengthens the Hypothesis of Their Regulation by Sex Steroids. Microscopy and Microanalysis, 2015, 21, 87-88.	0.2	0
209	A Stereological Estimation of the Nervous Ganglia Volumes and Number of Neurons in the Peppery Furrow Shell Scrobicularia plana (da Costa, 1778). Microscopy and Microanalysis, 2015, 21, 99-100.	0.2	0
210	Semen parameters and their influence on pregnancy after assisted reproduction: Report of the Hospital Centre of Porto. Revista Internacional De AndrologÃa, 2015, 13, 27-36.	0.1	0
211	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2016, 16, .	0.4	0
212	Pesticides in Worldwide Aquatic Systems: Part I. , 0, , .		0
213	Changes in copper load in hepatocytes of Ohrid trout in relation to the ovarian maturation cycle. Toxicological and Environmental Chemistry, 2020, 102, 272-283.	0.6	0
214	Regulation of Ovarian Development and Function in Teleosts. , 2011, , 65-82.		0