

Andrzej Ciereszko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2923562/publications.pdf>

Version: 2024-02-01

212
papers

5,105
citations

94433

37
h-index

161849

54
g-index

217
all docs

217
docs citations

217
times ranked

2641
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of sperm concentration of rainbow trout, whitefish and yellow perch using a spectrophotometric technique. <i>Aquaculture</i> , 1993, 109, 367-373.	3.5	202
2	Fertilization rate of Siberian sturgeon (<i>Acipenser baeri</i> , Brandt) milt cryopreserved with methanol. <i>Aquaculture</i> , 2002, 211, 367-373.	3.5	107
3	Relationship between biochemical constituents of fish semen and fertility: the effect of short-term storage. <i>Fish Physiology and Biochemistry</i> , 1994, 12, 357-367.	2.3	103
4	Sperm Quality and Ascorbic Acid Concentration in Rainbow Trout Semen are Affected by Dietary Vitamin C: An Across-Season Study. <i>Biology of Reproduction</i> , 1995, 52, 982-988.	2.7	102
5	Effects of UV irradiation and hydrogen peroxide on DNA fragmentation, motility and fertilizing ability of rainbow trout (<i>Oncorhynchus mykiss</i>) spermatozoa. <i>Theriogenology</i> , 2005, 64, 1809-1822.	2.1	95
6	Effects of season and breed on sperm acrosin activity and semen quality of boars. <i>Animal Reproduction Science</i> , 2000, 64, 89-96.	1.5	94
7	Objective analysis of sperm motility in the lake sturgeon, <i>Acipenser fulvescens</i> : activation and inhibition conditions. <i>Aquaculture</i> , 1997, 154, 337-348.	3.5	89
8	Different computer-assisted sperm analysis (CASA) systems highly influence sperm motility parameters. <i>Theriogenology</i> , 2013, 80, 758-765.	2.1	87
9	Cryopreservation of rainbow trout semen using a glucose-methanol extender. <i>Aquaculture</i> , 2014, 420-421, 275-281.	3.5	87
10	Characterization of rainbow trout milt collected with a catheter: semen parameters and cryopreservation success. <i>Aquaculture Research</i> , 2000, 31, 289-296.	1.8	80
11	Effects of hormonal treatment on induced spermiation and ovulation in the yellow perch (<i>Perca</i>) Tj ETQq1 1 0.784314 rgBT /Oyerlock	3.5	77
12	Ovarian fluid pH enhances motility parameters of rainbow trout (<i>Oncorhynchus mykiss</i>) spermatozoa. <i>Aquaculture</i> , 2007, 270, 259-264.	3.5	73
13	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 289-295.	2.3	70
14	Effect of cryopreservation and theophylline on motility characteristics of lake sturgeon () spermatozoa. <i>Theriogenology</i> , 1996, 45, 665-672.	2.1	59
15	Effect of cryopreservation on sperm motility parameters and fertilizing ability of brown trout semen. <i>Aquaculture</i> , 2014, 433, 62-65.	3.5	58
16	Characterization of carp seminal plasma proteome in relation to blood plasma. <i>Journal of Proteomics</i> , 2014, 98, 218-232.	2.4	55
17	Analysis of DNA damage in sea lamprey (<i>Petromyzon marinus</i>) spermatozoa by UV, hydrogen peroxide, and the toxicant bisazir. <i>Aquatic Toxicology</i> , 2005, 73, 128-138.	4.0	54
18	Ascorbic acid and reproduction in fish: endocrine regulation and gamete quality. <i>Aquaculture Research</i> , 2001, 32, 623-638.	1.8	53

#	ARTICLE	IF	CITATIONS
19	Effects of Diets Containing Gossypol on Reproductive Capacity of Rainbow Trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 2.7	2.7	51
20	Polymorphism of transferrin of carp seminal plasma: Relationship to blood transferrin and sperm motility characteristics. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 148, 426-431.	1.6	51
21	Ascorbic acid protects against male infertility in a teleost fish. <i>Experientia</i> , 1996, 52, 97-100.	1.2	50
22	Cryopreservation of bull semen is associated with carbonylation of sperm proteins. <i>Theriogenology</i> , 2017, 92, 95-102.	2.1	49
23	Effects of season and dietary ascorbic acid on some biochemical characteristics of rainbow trout (<i>Oncorhynchus mykiss</i>) semen. <i>Fish Physiology and Biochemistry</i> , 1996, 15, 1-10.	2.3	48
24	Motility Parameters of Rainbow Trout (<i>Oncorhynchus mykiss</i>) Spermatozoa in Relation to Sequential Collection of Milt, Time of Post-mortem Storage and Anesthesia. <i>Fish Physiology and Biochemistry</i> , 2005, 31, 1-9.	2.3	46
25	Effect of organic and inorganic forms of selenium in diets on turkey semen quality. <i>Poultry Science</i> , 2011, 90, 181-190.	3.4	46
26	Relationships between morphology, motility and fertilization capacity in rainbow trout (<i>Oncorhynchus mykiss</i>) spermatozoa. <i>Journal of Applied Ichthyology</i> , 2008, 24, 393-397.	0.7	44
27	Gossypol isomers bind specifically to blood plasma proteins and spermatozoa of rainbow trout fed diets containing cottonseed meal. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1525, 37-42.	2.4	43
28	Proteolytic activity and electrophoretic profiles of proteases from seminal plasma of teleosts. <i>Journal of Fish Biology</i> , 2003, 63, 1008-1019.	1.6	43
29	Semen characteristics and their ability to predict sperm cryopreservation potential of Atlantic cod, <i>Gadus morhua</i> L.. <i>Theriogenology</i> , 2011, 75, 1290-1300.	2.1	42
30	Cryopreservation-induced alterations in protein composition of rainbow trout semen. <i>Proteomics</i> , 2015, 15, 2643-2654.	2.2	42
31	Identification of trypsin-like activity in sturgeon spermatozoa. <i>The Journal of Experimental Zoology</i> , 1994, 268, 486-491.	1.4	41
32	Influence of gossypol from dietary cottonseed meal on haematology, reproductive steroids and tissue gossypol enantiomer concentrations in male rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture Nutrition</i> , 2003, 9, 275-282.	2.7	41
33	Effects of liquid storage on amidase activity, DNA fragmentation and motility of turkey spermatozoa. <i>Theriogenology</i> , 2007, 67, 276-286.	2.1	41
34	Characterization of acrosin-like activity of lake sturgeon (<i>Acipenser fulvescens</i>) spermatozoa. <i>Molecular Reproduction and Development</i> , 1996, 45, 72-77.	2.0	40
35	Application of glucose-methanol extender to cryopreservation of semen of sex-reversed females rainbow trout results in high post-thaw sperm motility and fertilizing ability. <i>Aquaculture</i> , 2014, 434, 27-32.	3.5	40
36	Transferrin and antiproteases are major proteins of common carp seminal plasma. <i>Fish and Shellfish Immunology</i> , 2005, 19, 387-391.	3.6	39

#	ARTICLE	IF	CITATIONS
37	Effects of ovarian fluid on motility characteristics of rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 24	0.7	39
38	Measurement of concentration and viability of brook trout (<i>Salvelinus fontinalis</i>) spermatozoa using computer-aided fluorescent microscopy. <i>Aquaculture</i> , 2009, 292, 256-258.	3.5	39
39	Sperm parameters of honeybee drones exposed to imidacloprid. <i>Apidologie</i> , 2017, 48, 211-222.	2.0	39
40	Isolation and characterization of transferrin from common carp (<i>Cyprinus carpio</i> L) seminal plasma. <i>Fish and Shellfish Immunology</i> , 2010, 29, 66-74.	3.6	37
41	Proteomic identification of rainbow trout seminal plasma proteins. <i>Proteomics</i> , 2014, 14, 133-140.	2.2	36
42	Effect of feeding cottonseed meal-containing diets to broodstock rainbow trout and their impact on the growth of their progenies. <i>Aquaculture</i> , 2003, 227, 77-87.	3.5	35
43	Effect of postthaw storage time and sperm-to-egg ratio on fertility of cryopreserved brook trout sperm. <i>Theriogenology</i> , 2015, 83, 253-256.	2.1	35
44	Optimal sperm concentration in straws and final glucose concentration in extender are crucial for improving the cryopreservation protocol of salmonid spermatozoa. <i>Aquaculture</i> , 2018, 486, 90-97.	3.5	35
45	In vitro effect of gossypol acetate on yellow perch (<i>Perca flavescens</i>) spermatozoa. <i>Aquatic Toxicology</i> , 2000, 49, 181-187.	4.0	33
46	Reproductive investment patterns, sperm characteristics, and seminal plasma physiology in alternative reproductive tactics of Chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Biological Journal of the Linnean Society</i> , 2013, 108, 99-108.	1.6	33
47	Characterization, expression and antibacterial properties of apolipoproteins A from carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.6 33	3.6	33
48	Effects of gossypol on sperm viability and plasma sex steroid hormones in male sea lamprey, <i>Petromyzon marinus</i> . <i>Toxicology Letters</i> , 2000, 111, 189-198.	0.8	32
49	Gelatinases and serine proteinase inhibitors of seminal plasma and the reproductive tract of turkey (<i>Meleagris gallopavo</i>). <i>Theriogenology</i> , 2005, 63, 1667-1681.	2.1	32
50	Isolation and characterization of $\hat{1}$ -proteinase inhibitor from common carp (<i>Cyprinus carpio</i>) seminal plasma. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 148, 264-276.	1.6	32
51	Seminal plasma biochemistry and spermatozoa characteristics of Atlantic cod (<i>Gadus morhua</i> L.) of wild and cultivated origin. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 16-24.	1.8	32
52	Biochemical and physiological characteristics of semen of sex-reversed female rainbow trout (<i>Oncorhynchus mykiss</i> , Walbaum). <i>Theriogenology</i> , 2012, 77, 174-183.	2.1	32
53	Utility of different sugar extenders for cryopreservation and post-thaw storage of sperm from Salmonidae species. <i>Aquaculture</i> , 2016, 464, 340-348.	3.5	32
54	Standardization of spermatozoa concentration for cryopreservation of rainbow trout semen using a glucose-methanol extender. <i>Aquaculture</i> , 2017, 477, 23-27.	3.5	32

#	ARTICLE	IF	CITATIONS
55	Changes in sperm parameters of sex-reversed female rainbow trout during spawning season in relation to sperm parameters of normal males. <i>Theriogenology</i> , 2012, 77, 1381-1389.	2.1	31
56	Analysis of bull (<i>Bos taurus</i>) seminal vesicle fluid proteome in relation to seminal plasma proteome. <i>Journal of Dairy Science</i> , 2017, 100, 2282-2298.	3.4	31
57	Opportunities and challenges related to the implementation of sperm cryopreservation into breeding of salmonid fishes. <i>Theriogenology</i> , 2019, 132, 12-21.	2.1	30
58	Protective role of ascorbic acid against damage to male germ cells in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 178-183.	1.4	29
59	Characteristics of sperm acrosin-like activity of paddlefish (<i>Polyodon spathula</i> Walbaum). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 125, 197-203.	1.6	29
60	New extender for cryopreservation of Siberian sturgeon (<i>Acipenser baerii</i>) semen. <i>Cryobiology</i> , 2015, 70, 184-189.	0.7	29
61	Broken eggs decrease pH of rainbow trout (<i>Oncorhynchus mykiss</i>) ovarian fluid. <i>Aquaculture</i> , 2007, 273, 748-751.	3.5	28
62	Proteomic identification of rainbow trout sperm proteins. <i>Proteomics</i> , 2014, 14, 1569-1573.	2.2	28
63	Motility of carp spermatozoa is associated with profound changes in the sperm proteome. <i>Journal of Proteomics</i> , 2016, 138, 124-135.	2.4	28
64	Fish semen proteomics – New opportunities in fish reproductive research. <i>Aquaculture</i> , 2017, 472, 81-92.	3.5	28
65	Standardized cryopreservation protocol of European perch (<i>Perca fluviatilis</i>) semen allows to obtain high fertilization rates with the use of frozen/thawed semen. <i>Aquaculture</i> , 2019, 498, 208-216.	3.5	28
66	Low stability of aspartate aminotransferase activity in boar semen. <i>Theriogenology</i> , 1992, 37, 1269-1281.	2.1	27
67	Proteomic identification of seminal plasma proteins related to the freezability of carp semen. <i>Journal of Proteomics</i> , 2017, 162, 52-61.	2.4	27
68	Gelatinolytic and anti-trypsin activities in seminal plasma of common carp: relationship to blood, skin mucus and spermatozoa. <i>Aquatic Living Resources</i> , 2003, 16, 438-444.	1.2	26
69	Isolation, characterization, and cDNA sequencing of β -1-antiproteinase-like protein from rainbow trout seminal plasma. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1671, 93-105.	2.4	26
70	Expression of apolipoprotein A-I and A-II in rainbow trout reproductive tract and their possible role in antibacterial defence. <i>Fish and Shellfish Immunology</i> , 2015, 45, 750-756.	3.6	26
71	Effect of a Sucrose-DMSO Extender Supplemented with Pentoxifylline or Blood Plasma on Fertilizing Ability of Cryopreserved Rainbow Trout Spermatozoa. <i>Progressive Fish-Culturist</i> , 1996, 58, 143-145.	0.6	25
72	Comet assay of fresh and cryopreserved bull spermatozoa. <i>Cryobiology</i> , 2008, 56, 100-102.	0.7	25

#	ARTICLE	IF	CITATIONS
73	Acrosome staining and motility characteristics of sterlet spermatozoa after cryopreservation with use of methanol and DMSO. <i>Cryobiology</i> , 2008, 56, 251-253.	0.7	25
74	The effects of commercial preparations containing two different GnRH analogues and dopamine antagonists on spermiation and sperm characteristics in the European smelt <i>Osmerus eperlanus</i> (L.). <i>Aquaculture</i> , 2009, 286, 328-331.	3.5	25
75	Protective effect of seminal plasma proteins on the degradation of ascorbic acid. <i>Molecular and Cellular Biochemistry</i> , 1995, 148, 59-66.	3.1	24
76	Effect of Oxygen Saturation in Water on Reproductive Performances of Pacu <i>Piaractus brachypomus</i> . <i>Journal of the World Aquaculture Society</i> , 2003, 34, 441-449.	2.4	24
77	Blood cells in rainbow trout <i>Oncorhynchus mykiss</i> milt: relation to milt collection method and sampling period. <i>Theriogenology</i> , 2004, 62, 1353-1364.	2.1	24
78	Assessment of water turbidity for evaluation of rainbow trout (<i>Oncorhynchus mykiss</i>) egg quality. <i>Aquaculture</i> , 2004, 242, 617-624.	3.5	24
79	The effect of cryopreservation of semen from whitefish (<i>Coregonus lavaretus</i>) and northern pike (<i>Esox lucius</i>) using a glucose-methanol extender on sperm motility parameters and fertilizing ability. <i>Aquaculture</i> , 2016, 464, 60-64.	3.5	24
80	Acclimation to cold and warm temperatures is associated with differential expression of male carp blood proteins involved in acute phase and stress responses, and lipid metabolism. <i>Fish and Shellfish Immunology</i> , 2018, 76, 305-315.	3.6	24
81	Comparison of three staining techniques for the morphometric study of rainbow trout (<i>Oncorhynchus mykiss</i>) spermatozoa. <i>Theriogenology</i> , 2008, 69, 1033-1038.	2.1	23
82	Isolation and Characterization of an Ovoinhibitor, a Multidomain Kazal-Like Inhibitor from Turkey (<i>Meleagris gallopavo</i>) Seminal Plasma1. <i>Biology of Reproduction</i> , 2014, 91, 108.	2.7	23
83	Dietary Ascorbyl Monophosphate Depresses Lipid Peroxidation in Rainbow Trout Spermatozoa. <i>Journal of Aquatic Animal Health</i> , 1997, 9, 249-257.	1.4	22
84	Carp transferrin can protect spermatozoa against toxic effects of cadmium ions. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 422-429.	2.6	22
85	Proteomic identification of turkey (<i>Meleagris gallopavo</i>) seminal plasma proteins. <i>Poultry Science</i> , 2017, 96, 3422-3435.	3.4	22
86	Proteomic characterization of fresh spermatozoa and supernatant after cryopreservation in relation to freezability of carp (<i>Cyprinus carpio</i> L) semen. <i>PLoS ONE</i> , 2018, 13, e0192972.	2.5	22
87	Effect of ascorbic acid supplement in vitro on rainbow trout sperm viability. <i>Aquaculture International</i> , 2000, 8, 1-8.	2.2	21
88	Characterization of protease inhibitors of seminal plasma of cyprinids. <i>Aquatic Living Resources</i> , 2003, 16, 461-465.	1.2	21
89	Characterization of proacrosin/acrosin system after liquid storage and cryopreservation of turkey semen (<i>Meleagris gallopavo</i>). <i>Theriogenology</i> , 2012, 78, 1065-1077.	2.1	21
90	Quality parameters of fresh and cryopreserved whitefish (<i>Coregonus lavaretus</i> L.) semen. <i>Journal of Applied Ichthyology</i> , 2012, 28, 934-940.	0.7	21

#	ARTICLE	IF	CITATIONS
91	Shotgun proteomics of rainbow trout ovarian fluid. <i>Reproduction, Fertility and Development</i> , 2015, 27, 504.	0.4	21
92	Semen biology and stimulation of milt production in the European smelt (<i>Osmerus eperlanus</i> L.). <i>Aquaculture</i> , 2006, 261, 760-770.	3.5	20
93	Effects of pH on sperm motility in several Salmoniformes species: <i>Oncorhynchus mykiss</i> , <i>Salvelinus fontinalis</i> , <i>Salmo trutta</i> , <i>Salmo salar</i> and <i>Thymallus thymallus</i> . <i>Journal of Applied Ichthyology</i> , 2010, 26, 665-667.	0.7	20
94	Isolation, characterization and cDNA sequencing of acrosin from turkey spermatozoa. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 157, 127-136.	1.6	20
95	Quality and quantity of smelt (<i>Osmerus eperlanus</i> L.) sperm in relation to time after hormonal stimulation. <i>Reproductive Biology</i> , 2012, 12, 231-246.	1.9	20
96	Efficient method for cryopreservation of European huchen (<i>Hucho hucho</i> L.) and grayling (<i>Thymallus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	20
97	Plasma concentrations of steroid hormones in male yellow perch, <i>Perca flavescens</i> : the effect of age and photothermal manipulation. <i>Environmental Biology of Fishes</i> , 1998, 51, 97-105.	1.0	19
98	Factors Affecting Motility Characteristics and Fertilizing Ability of Sea Lamprey Spermatozoa. <i>Transactions of the American Fisheries Society</i> , 2002, 131, 193-202.	1.4	19
99	Identification of parvalbumin-like protein as a major protein of common carp (<i>Cyprinus carpio</i> L) spermatozoa which appears during final stage of spermatogenesis. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 157, 220-227.	1.6	19
100	Isolation and identification of fetuin-B-like protein from rainbow trout seminal plasma and its localization in the reproductive system. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 158, 106-116.	1.6	19
101	Proteomic analysis of extracellular medium of cryopreserved carp (<i>Cyprinus carpio</i> L.) semen. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 15, 49-57.	1.0	19
102	Total antioxidant capacity of honeybee haemolymph in relation to age and exposure to pesticide, and comparison to antioxidant capacity of seminal plasma. <i>Apidologie</i> , 2016, 47, 227-236.	2.0	19
103	2D-DIGE proteomic analysis reveals changes in haemolymph proteome of 1-day-old honey bee (<i>Apis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 632-656.	2.0	19
104	Characterization and cryopreservation of whitefish (<i>Coregonus lavaretus</i> L.) semen from Lake Lebsko, Poland. <i>Fundamental and Applied Limnology</i> , 2008, 173, 59-65.	0.7	18
105	Systematic biobanking, novel imaging techniques, and advanced molecular analysis for precise tumor diagnosis and therapy: The Polish MOBIT project. <i>Advances in Medical Sciences</i> , 2017, 62, 405-413.	2.1	18
106	Comparative analysis of sperm freezability of sex-reversed female brook trout and sex-reversed female rainbow trout semen. <i>Aquaculture</i> , 2019, 498, 201-207.	3.5	18
107	Total antioxidant capacity of fish seminal plasma. <i>Aquaculture</i> , 2013, 400-401, 101-104.	3.5	17
108	Ultrasound evaluation of the gonadal structure in sex-reversed rainbow trout females. <i>Aquaculture International</i> , 2014, 22, 89-96.	2.2	17

#	ARTICLE	IF	CITATIONS
109	Chromatographic separation of trypsin-inhibitory activity of rainbow trout blood and seminal plasma. <i>Fish and Shellfish Immunology</i> , 2000, 10, 91-94.	3.6	16
110	A lack of consistent relationship between distribution of lipid droplets and egg quality in hatchery-raised rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Aquaculture</i> , 2009, 289, 150-153.	3.5	16
111	Isolation of lipocalin-type protein from rainbow trout seminal plasma and its localisation in the reproductive system. <i>Reproduction, Fertility and Development</i> , 2011, 23, 381.	0.4	16
112	Maturation of spermatozoa from rainbow trout (<i>Oncorhynchus mykiss</i>) sex-reversed females using artificial seminal plasma or glucose+“methanol extender. <i>Theriogenology</i> , 2015, 83, 1213-1218.	2.1	16
113	Proteomic identification of rainbow trout blood plasma proteins and their relationship to seminal plasma proteins. <i>Proteomics</i> , 2017, 17, 1600460.	2.2	16
114	Identification of oxidatively modified proteins due to cryopreservation of carp semen1. <i>Journal of Animal Science</i> , 2018, 96, 1453-1465.	0.5	16
115	Identification of protein changes in the blood plasma of lung cancer patients subjected to chemotherapy using a 2D-DIGE approach. <i>PLoS ONE</i> , 2019, 14, e0223840.	2.5	16
116	Transcriptome analysis of turkey (<i>Meleagris gallopavo</i>) reproductive tract revealed key pathways regulating spermatogenesis and post-testicular sperm maturation. <i>Poultry Science</i> , 2020, 99, 6094-6118.	3.4	16
117	Cryopreservation of Muskellunge and Yellow Perch Semen. <i>North American Journal of Aquaculture</i> , 1999, 61, 258-262.	1.4	15
118	Title is missing!. <i>Hydrobiologia</i> , 2001, 452, 225-232.	2.0	15
119	Isolation, characterization and cDNA sequencing of a Kazal family proteinase inhibitor from seminal plasma of turkey (<i>Meleagris gallopavo</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 150, 207-215.	1.6	15
120	Identification of apolipoprotein C-I in rainbow trout seminal plasma. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1183.	0.4	15
121	Proteomic analysis of white and yellow seminal plasma in turkeys (<i>Meleagris gallopavo</i>)1. <i>Journal of Animal Science</i> , 2015, 93, 2785-2795.	0.5	15
122	Identification and functional analysis of bull (<i>Bos taurus</i>) cauda epididymal fluid proteome. <i>Journal of Dairy Science</i> , 2017, 100, 6707-6719.	3.4	15
123	Differences in sperm protein abundance and carbonylation level in bull ejaculates of low and high quality. <i>PLoS ONE</i> , 2018, 13, e0206150.	2.5	15
124	Proteomic and metabolomic insights into the functions of the male reproductive system in fishes. <i>Theriogenology</i> , 2019, 132, 182-200.	2.1	15
125	Aspartate aminotransferase activity in motile and immotile spermatozoa fractions of frozen-thawed boar semen obtained after filtration on columns filled with chitin. <i>Animal Reproduction Science</i> , 1990, 23, 237-244.	1.5	14
126	Characterization of Gelatinolytic Activity in Seminal Plasma of Some Teleost Fish. <i>Aquaculture International</i> , 2004, 12, 57-68.	2.2	14

#	ARTICLE	IF	CITATIONS
127	Seminal plasma proteins of Atlantic halibut (<i>Hippoglossus hippoglossus</i> L.). <i>Fish Physiology and Biochemistry</i> , 2008, 34, 349-355.	2.3	14
128	Microsatellite genotyping of cryopreserved spermatozoa for the improvement of whitefish semen cryobanking. <i>Cryobiology</i> , 2012, 65, 196-201.	0.7	14
129	The use of concentrated extenders to improve the efficacy of cryopreservation in whitefish spermatozoa. <i>Aquaculture</i> , 2013, 408-409, 30-33.	3.5	14
130	Characterization of Siberian sturgeon (<i>Acipenser baerii</i> , Brandt 1869) sperm obtained out of season. <i>Journal of Applied Ichthyology</i> , 2015, 31, 34-40.	0.7	14
131	Potassium ions in extender differentially influence the post-thaw sperm motility of salmonid fish. <i>Cryobiology</i> , 2016, 73, 248-256.	0.7	14
132	Usefulness of a portable flow cytometer for sperm concentration and viability measurements of rainbow trout spermatozoa. <i>Aquaculture</i> , 2016, 451, 353-356.	3.5	14
133	Sperm Production and Cryopreservation in Muskellunge after Carp Pituitary Extract and Human Chorionic Gonadotropin Injection. <i>Progressive Fish-Culturist</i> , 1996, 58, 32-37.	0.6	13
134	Biochemical characterization and sperm motility parameters of ostrich (<i>Struthio camelus</i>) semen. <i>Animal Reproduction Science</i> , 2010, 122, 222-228.	1.5	13
135	Potential role of the acrosome of sturgeon spermatozoa in the fertilization process. <i>Journal of Applied Ichthyology</i> , 2011, 27, 678-682.	0.7	13
136	Motility and fertilizing capacity of frozen/thawed sperm of Siberian sturgeon after a short-time exposure of fresh semen to mercury and cadmium. <i>Journal of Applied Ichthyology</i> , 2012, 28, 973-977.	0.7	13
137	Semen biology of vendace (<i>Coregonus albula</i> L.). <i>Fish Physiology and Biochemistry</i> , 2010, 36, 419-425.	2.3	12
138	Effect of dilution in sperm maturation media and time of storage on sperm motility and fertilizing capacity of cryopreserved semen of sex-reversed female rainbow trout. <i>General and Comparative Endocrinology</i> , 2017, 245, 89-93.	1.8	12
139	Purification, characterization and expression of transferrin from rainbow trout seminal plasma. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 208-209, 38-46.	1.6	11
140	Metabolomic analysis of white and yellow seminal plasma in turkeys (<i>Meleagris gallopavo</i>). <i>Poultry Science</i> , 2018, 97, 1059-1065.	3.4	11
141	Towards Efficient Parallel Image Processing on Cluster Grids Using GIMP. <i>Lecture Notes in Computer Science</i> , 2004, , 451-458.	1.3	11
142	Stimulation of aspartate aminotransferase from farm animal semen by pyridoxal 5â€²-phosphate. <i>Animal Reproduction Science</i> , 1994, 34, 327-341.	1.5	10
143	Efficacy of animal anti-fertility compounds against sea lamprey (<i>Petromyzon marinus</i>) spermatozoa. <i>Theriogenology</i> , 2004, 61, 1039-1050.	2.1	10
144	Semen from sex-reversed rainbow trout of spring strain can be successfully cryopreserved and used for fertilization of elevated number of eggs. <i>Aquaculture</i> , 2015, 448, 564-568.	3.5	10

#	ARTICLE	IF	CITATIONS
145	Serine protease inhibitor Kazal-type 2 is expressed in the male reproductive tract of carp with a possible role in antimicrobial protection. <i>Fish and Shellfish Immunology</i> , 2017, 60, 150-163.	3.6	10
146	Seasonal changes in the proteome of cryopreserved bull semen supernatant. <i>Theriogenology</i> , 2019, 126, 295-302.	2.1	10
147	Proteomic comparison of non-sexed and sexed (X-bearing) cryopreserved bull semen. <i>Animal Reproduction Science</i> , 2020, 221, 106552.	1.5	10
148	Domestication modulates the expression of genes involved in neurogenesis in high-quality eggs of <i>Sander lucioperca</i> . <i>Molecular Reproduction and Development</i> , 2020, 87, 934-951.	2.0	10
149	Bull Sperm Capacitation Is Accompanied by Redox Modifications of Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7903.	4.1	10
150	Isolation and characteristics of aspartate aminotransferase from boar spermatozoa. <i>International Journal of Biochemistry & Cell Biology</i> , 1989, 21, 1343-1351.	0.5	9
151	Determination of acrosin activity of boar spermatozoa by the clinical method: optimization of the assay and changes during short-term storage of semen. <i>Theriogenology</i> , 1998, 50, 861-872.	2.1	9
152	Staining of sturgeon spermatozoa with trypsin inhibitor from soybean, Alexa Fluor [®] 488 conjugate for visualization of sturgeon acrosome. <i>Journal of Applied Ichthyology</i> , 2008, 24, 514-516.	0.7	9
153	Temporal Changes in Gametogenesis of the Invasive Chinese Pond Mussel <i>Sinanodonta woodiana</i> (Lea, 1834) (Bivalvia: Unionidae) from the Konin Lakes System (Central Poland). <i>Folia Biologica</i> , 2015, 63, 175-185.	0.5	9
154	Hepatocyte growth factor activator is a potential target proteinase for Kazal-type inhibitor in turkey (<i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>)	2.1	9
155	Acquiring the potential for motility is accompanied by profound changes in the testicular sperm proteome of sex-reversed female and normal male rainbow trout. <i>Aquaculture</i> , 2020, 521, 735033.	3.5	9
156	Characteristics and Cryopreservation of Semen of Sex-Reversed Females of Salmonid Fish. <i>International Journal of Molecular Sciences</i> , 2021, 22, 964.	4.1	9
157	Towards standardization of the cryopreservation procedure of cultured pikeperch (<i>Sander</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	3.5	9
158	A new rapid method for determination of anserine and carnosine in muscles. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1983, 74, 623-626.	0.2	8
159	Acrosin activity in turkey spermatozoa: assay by clinical method and effect of zinc and benzamidine on the activity. <i>Theriogenology</i> , 2001, 56, 889-901.	2.1	8
160	Induced spermiation in 3-year-old sterlet, <i>Acipenser ruthenus</i> L.. <i>Aquaculture Research</i> , 2004, 35, 144-151.	1.8	8
161	Characteristics of arylsulfatase in Russian sturgeon (<i>Acipenser gueldenstaedti</i>) semen. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 571-579.	1.6	8
162	Short-term storage and cryopreservation of black grouse <i>Tetrao tetrix</i> and capercaillie <i>T. urogallus</i> semen. <i>European Journal of Wildlife Research</i> , 2011, 57, 383-388.	1.4	8

#	ARTICLE	IF	CITATIONS
163	The identification of seminal proteins in fish: from a traditional approach to proteomics. Journal of Applied Ichthyology, 2012, 28, 865-872.	0.7	8
164	Identification of the Second Form of Acrosin in Turkey Spermatozoa. Reproduction in Domestic Animals, 2012, 47, 849-855.	1.4	8
165	In-depth proteomic analysis of carp (<i>Cyprinus carpio</i> L) spermatozoa. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2014, 12, 10-15.	1.0	8
166	Short-term storage and cryopreservation of lake minnow (<i>Eupallasella percunurus</i> (Pallas,)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.7	8
167	Metabolic fingerprinting of carp and rainbow trout seminal plasma. Aquaculture, 2019, 501, 178-190.	3.5	8
168	Effects of glucose, methanol concentration, and time of equilibration on post-thaw sperm motility of rainbow trout semen. Aquaculture, 2020, 520, 734996.	3.5	8
169	Identification of calcium-binding proteins in fish seminal plasma. Fish Physiology and Biochemistry, 2011, 37, 447-452.	2.3	7
170	Isolation, characterisation and cDNA sequencing of a new form of parvalbumin from carp semen. Reproduction, Fertility and Development, 2014, 26, 1117.	0.4	7
171	Characterization of lake minnow <i>Eupallasella percunurus</i> semen in relation to sperm morphology, regulation of sperm motility and interpopulation diversity. Journal of Fish Biology, 2014, 85, 446-455.	1.6	7
172	Cryopreserved rainbow trout semen can be used for the fertilization of up to 8000 eggs in a single application. Aquaculture, 2018, 490, 25-28.	3.5	7
173	Comparative Proteomic Analysis of Young and Adult Bull (<i>Bos taurus</i>) Cryopreserved Semen. Animals, 2021, 11, 2013.	2.3	7
174	Cryopreservation of Semen from Lake Sturgeon. Transactions of the American Fisheries Society, 2006, 135, 232-240.	1.4	6
175	Cottonseed feeding delivers sufficient quantities of gossypol as a male deer contraceptive. European Journal of Wildlife Research, 2008, 54, 469-477.	1.4	6
176	Preliminary characteristics of lake minnow, <i>Eupallasella percunurus</i> (Pall.), semen. Archives of Polish Fisheries, 2011, 19, .	0.6	6
177	Development of an efficient and standardized method for the cryopreservation of Arctic charr milt and its use in the fertilization of brook trout eggs to produce "spartic" hybrids. Aquaculture, 2019, 513, 734363.	3.5	6
178	Short-term storage-induced changes in the proteome of carp (<i>Cyprinus carpio</i> L.) spermatozoa. Aquaculture, 2021, 530, 735784.	3.5	6
179	Sperm Morphology, Physiology, Motility, and Cryopreservation in Percidae. , 2015, , 163-191.		6
180	Spectrophotometric measurement of aspartate aminotransferase activity in mammalian and fish semen. Animal Reproduction Science, 1995, 38, 167-176.	1.5	5

#	ARTICLE	IF	CITATIONS
181	Motility activation of rainbow trout spermatozoa at pH 6.5 is directly related to contamination of milt with urine. <i>Aquaculture</i> , 2012, 330-333, 185-188.	3.5	5
182	Sperm motility rate at pH 6.5 as a useful parameter for the evaluation of rainbow trout sperm quality and usefulness for short-time storage. <i>Journal of Applied Ichthyology</i> , 2012, 28, 930-933.	0.7	5
183	Effect of dialysis on the proacrosin/acrosin system and motility of turkey (<i>Meleagris</i> Tj ETQq1 1 0.784314 rgBT /Qverlock_10 Tf 50	1.7	5
184	Protease in sturgeon sperm and the effects of protease inhibitors on sperm motility and velocity. <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1393-1398.	2.3	5
185	Effect of season on proteases and serine protease inhibitors of Siberian sturgeon (<i>Acipenser</i> Tj ETQq1 1 0.784314 rgBT /Qverlock_10 Tf 50	0.7	5
186	Gonadogenesis and annual reproductive cycles of an endangered cyprinid fish, the lake minnow <i>Eupallasella percnurus</i> (Pallas, 1814). <i>Animal Reproduction Science</i> , 2017, 176, 40-50.	1.5	5
187	Hormonal stimulation of carp is accompanied by changes in seminal plasma proteins associated with the immune and stress responses. <i>Journal of Proteomics</i> , 2019, 202, 103369.	2.4	5
188	Characterization of carp seminal plasma Wap65-2 and its participation in the testicular immune response and temperature acclimation. <i>Veterinary Research</i> , 2020, 51, 142.	3.0	5
189	Oxidative stress in cryopreserved semen of sex-reversed female and normal male rainbow trout. <i>Aquaculture</i> , 2020, 528, 735531.	3.5	5
190	Cryopreservation of masu salmon sperm using glucose-methanol extender and seminal plasma biomarkers related to post-thaw sperm motility. <i>Aquaculture</i> , 2022, 557, 738305.	3.5	5
191	Effects of proteinase inhibitors on fertilization in sea lamprey (<i>Petromyzon marinus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 157-162.	1.6	4
192	Morphology and histology of cranial and caudal lobes of whitefish (<i>Coregonus lavaretus</i> L.) testes. <i>Fundamental and Applied Limnology</i> , 2010, 176, 83-88.	0.7	4
193	Serine proteinase inhibitors in the seminal plasma of percid fish. <i>Journal of Applied Ichthyology</i> , 2010, 26, 742-745.	0.7	4
194	Characterization of proteolytic and anti-proteolytic activity involvement in sterlet spermatozoon maturation. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1755-1766.	2.3	4
195	DIGE Analysis of Fish Tissues. <i>Methods in Molecular Biology</i> , 2018, 1664, 203-219.	0.9	4
196	Neurodevelopment vs. the immune system: Complementary contributions of maternally-inherited gene transcripts and proteins to successful embryonic development in fish. <i>Genomics</i> , 2021, 113, 3811-3826.	2.9	4
197	Application of two-dimensional difference gel electrophoresis to identify protein changes between center, margin, and adjacent non-tumor tissues obtained from non-small-cell lung cancer with adenocarcinoma or squamous cell carcinoma subtype. <i>PLoS ONE</i> , 2022, 17, e0268073.	2.5	4
198	Characterization and biological role of cysteine-rich venom protein belonging to CRISPs from turkey seminal plasma. <i>Biology of Reproduction</i> , 2021, 104, 1302-1321.	2.7	3

#	ARTICLE	IF	CITATIONS
199	2D-DIGE proteomic analysis of blood plasma reveals changes in immune- and stress-associated proteins following hormonal stimulation of carp males. <i>Fish and Shellfish Immunology</i> , 2021, 118, 354-368.	3.6	3
200	Heterogeneity of aspartate aminotransferase (AAT) in bull semen. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1987, 86, 373-375.	0.2	2
201	Improvement of electrophoretic detection of antitrypsin activity in fish blood and seminal plasma. <i>Electrophoresis</i> , 2005, 26, 514-516.	2.4	2
202	Hormonal stimulation of carp (<i>Cyprinus carpio</i> L.) males triggers changes in the sperm proteome. <i>Aquaculture</i> , 2021, 530, 735791.	3.5	2
203	Factors Influencing Milt Quality in Fishes and Its Usefulness to Cryopreservation. , 2020, , 25-67.		2
204	Effect of 2-Cys Peroxiredoxins Inhibition on Redox Modifications of Bull Sperm Proteins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12888.	4.1	2
205	Proteomic analysis of carp seminal plasma provides insights into the immune response to bacterial infection of the male reproductive system. <i>Fish and Shellfish Immunology</i> , 2022, 127, 822-835.	3.6	2
206	Identification of 5-15ÅkDa substances in carp seminal plasma using mass spectrometry. <i>Journal of Applied Ichthyology</i> , 2015, 31, 132-135.	0.7	1
207	Siberian Sturgeon Sperm Cryoconservation. , 2018, , 49-57.		1
208	Transcriptome and Proteome Analysis Revealed Key Pathways Regulating Final Stage of Oocyte Maturation of the Turkey (<i>Meleagris gallopavo</i>). <i>International Journal of Molecular Sciences</i> , 2021, 22, 10589.	4.1	1
209	State of lake minnow, <i>Eupallasella percnurus</i> (Pall.), gonads during pre-spawning season - preliminary results. <i>Archives of Polish Fisheries</i> , 2011, 19, .	0.6	1
210	Some biochemical properties of swine uterus carnosinase. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1985, 80, 135-138.	0.2	0
211	Sperm and Spermatozoa Characteristics in the Siberian Sturgeon. , 2018, , 307-326.		0
212	Differences in growth of <i>Trypanoplasma borreli</i> in carp serum is dependent on transferrin genotype. <i>Fish and Shellfish Immunology</i> , 2021, 114, 58-64.	3.6	0