

Goro Yoshizaki

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,800
citations

109321

35
h-index

133252

59
g-index

83
all docs

83
docs citations

83
times ranked

1407
citing authors

#	ARTICLE	IF	CITATIONS
1	Gametogenesis commencement in recipient gonads using germ cells retrieved from dead fish. <i>Aquaculture</i> , 2022, 552, 737952.	3.5	3
2	Establishment of surrogate broodstock technology in Scombridae species by germ cell transplantation. <i>Aquaculture Research</i> , 2022, 53, 2760-2771.	1.8	2
3	Production of Germ Cell-Less Rainbow Trout by dead end Gene Knockout and their Use as Recipients for Germ Cell Transplantation. <i>Marine Biotechnology</i> , 2022, 24, 417-429.	2.4	19
4	Production of albino chub mackerel (<i>Scomber japonicus</i>) by <i>slc45a2</i> knockout and the use of a positive phototaxis-based larviculture technique to overcome the lethal albino phenotype. <i>Aquaculture</i> , 2022, 560, 738490.	3.5	1
5	Visualization and tracking of live type a spermatogonia using a fluorescence-conjugated antibody in <i>Salmo</i> species. <i>Aquaculture</i> , 2021, 533, 736096.	3.5	3
6	Cryopreservation and Transplantation of Spermatogonial Stem Cells. <i>Methods in Molecular Biology</i> , 2021, 2218, 37-47.	0.9	2
7	Production of functional sperm from cryopreserved testicular germ cells following intraperitoneal transplantation into allogeneic surrogate in yellowtail (<i>Seriola quinqueradiata</i>). <i>Cryobiology</i> , 2021, 100, 32-39.	0.7	6
8	Allelic diversification after transposable element exaptation promoted <i>gsdf</i> as the master sex determining gene of sablefish. <i>Genome Research</i> , 2021, 31, 1366-1380.	5.5	23
9	Establishment of a tracing technique for transplanted bluefin tuna germ cells in recipient's gonads using monoclonal antibodies specifically recognizing bluefin tuna spermatogenic cells. <i>Fisheries Science</i> , 2021, 87, 105-112.	1.6	5
10	Characterization of a vasa homolog in Mekong giant catfish (<i>Pangasianodon gigas</i>): Potential use as a germ cell marker. <i>Animal Reproduction Science</i> , 2021, 234, 106869.	1.5	3
11	Flatfishes colonised freshwater environments by acquisition of various DHA biosynthetic pathways. <i>Communications Biology</i> , 2020, 3, 516.	4.4	18
12	Production of Chinese rosy bitterling offspring derived from frozen and vitrified whole testis by spermatogonial transplantation. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 1431-1442.	2.3	23
13	Aging- and temperature-related activity of spermatogonial stem cells for germ cell transplantation in medaka. <i>Theriogenology</i> , 2020, 155, 213-221.	2.1	8
14	Production of functional eggs and sperm from in vitro-expanded type A spermatogonia in rainbow trout. <i>Communications Biology</i> , 2020, 3, 308.	4.4	25
15	Suitability of hybrid mackerel (<i>Scomber australasicus</i> × <i>S. japonicus</i>) with germ cell-less sterile gonads as a recipient for transplantation of bluefin tuna germ cells. <i>General and Comparative Endocrinology</i> , 2020, 295, 113525.	1.8	15
16	Chapter 17 Intraperitoneal Germ Cell Transplantation Technique in Marine Teleosts. , 2020, , 357-379.		3
17	Enrichment of transplantable germ cells in salmonids using a novel monoclonal antibody by magnetic-activated cell sorting. <i>Molecular Reproduction and Development</i> , 2019, 86, 1810-1821.	2.0	12
18	Preservation of zebrafish genetic resources through testis cryopreservation and spermatogonia transplantation. <i>Scientific Reports</i> , 2019, 9, 13861.	3.3	32

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19	A key metabolic gene for recurrent freshwater colonization and radiation in fishes. <i>Science</i> , 2019, 364, 886-889.	12.6	109
20	Application of surrogate broodstock technology in aquaculture. <i>Fisheries Science</i> , 2019, 85, 429-437.	1.6	70
21	Establishment of novel monoclonal antibodies for identification of type A spermatogonia in teleosts. <i>Biology of Reproduction</i> , 2019, 101, 478-491.	2.7	15
22	Production of triploid eastern little tuna, <i>Euthynnus affinis</i> (Cantor, 1849). <i>Aquaculture Research</i> , 2019, 50, 1422-1430.	1.8	12
23	Specific visualization of live type A spermatogonia of Pacific bluefin tuna using fluorescent dye-conjugated antibodies. <i>Biology of Reproduction</i> , 2019, 100, 1637-1647.	2.7	14
24	Production of donor-derived offspring by allogeneic transplantation of spermatogonia in Chinese rosy bitterling. <i>Biology of Reproduction</i> , 2019, 100, 1108-1117.	2.7	31
25	Isolation and characterization of a germ cell marker in teleost fish <i>Colossoma macropomum</i> . <i>Gene</i> , 2019, 683, 54-60.	2.2	9
26	Novel method for mass producing genetically sterile fish from surrogate broodstock via spermatogonial transplantation. <i>Biology of Reproduction</i> , 2019, 100, 535-546.	2.7	31
27	Hybrid Sterility in Fish Caused by Mitotic Arrest of Primordial Germ Cells. <i>Genetics</i> , 2018, 209, 507-521.	2.9	47
28	Production of live fish derived from frozen germ cells via germ cell transplantation. <i>Stem Cell Research</i> , 2018, 29, 103-110.	0.7	74
29	Spawning induction of blue mackerel <i>Scomber australasicus</i> and eastern little tuna <i>Euthynnus affinis</i> by oral administration of a crude gonadotropin-releasing hormone analogue. <i>Fisheries Science</i> , 2018, 84, 495-504.	1.6	14
30	Production of functional sperm by subcutaneous autografting of immature testes in rainbow trout. <i>Molecular Reproduction and Development</i> , 2018, 85, 155-162.	2.0	6
31	Production of functionally sterile triploid Nibe croaker <i>Nibea mitsukurii</i> induced by cold-shock treatment with special emphasis on triploid aptitude as surrogate broodstock. <i>Aquaculture</i> , 2018, 494, 45-56.	3.5	22
32	Efficient production of donor-derived gametes from triploid recipients following intra-peritoneal germ cell transplantation into a marine teleost, Nibe croaker (<i>Nibea mitsukurii</i>). <i>Aquaculture</i> , 2017, 478, 35-47.	3.5	48
33	Production of the medaka derived from vitrified whole testes by germ cell transplantation. <i>Scientific Reports</i> , 2017, 7, 43185.	3.3	53
34	Stem cell activity of type A spermatogonia is seasonally regulated in rainbow trout. <i>Biology of Reproduction</i> , 2017, 96, 1303-1316.	2.7	15
35	Production of Tiger Puffer <i>Takifugu rubripes</i> Offspring from Triploid Grass Puffer <i>Takifugu niphobes</i> Parents. <i>Marine Biotechnology</i> , 2017, 19, 579-591.	2.4	70
36	Cloning and functional characterization of <i>fads2</i> desaturase and <i>elovl5</i> elongase from Japanese flounder <i>Paralichthys olivaceus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 214, 36-46.	1.6	26

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37	Application of <i>dead end</i> knockout zebrafish as recipients of germ cell transplantation. <i>Molecular Reproduction and Development</i> , 2017, 84, 1100-1111.	2.0	55
38	Flow-cytometric enrichment of Pacific bluefin tuna type A spermatogonia based on light-scattering properties. <i>Theriogenology</i> , 2017, 101, 91-98.	2.1	22
39	Spawning induction and seed production of Eastern little tuna, <i>Euthynnus affinis</i> (Cantor, 1849), in the post- and pre-spawning seasons by hormonal treatment in a semi-closed recirculation system with elevated temperature. <i>Aquaculture Research</i> , 2017, 48, 3472-3481.	1.8	7
40	Production of germ cell-deficient salmonids by <i>dead end</i> gene knockdown, and their use as recipients for germ cell transplantation. <i>Molecular Reproduction and Development</i> , 2016, 83, 298-311.	2.0	75
41	Eastern little tuna, <i>Euthynnus affinis</i> (Cantor, 1849) mature and reproduce within 1 year of rearing in land-based tanks. <i>Aquaculture Research</i> , 2016, 47, 3800-3810.	1.8	11
42	Long-term (5 years) cryopreserved spermatogonia have high capacity to generate functional gametes via interspecies transplantation in salmonids. <i>Cryobiology</i> , 2016, 73, 286-290.	0.7	37
43	Characterization of a vasa homolog in the brown-marbled grouper (<i>Epinephelus fuscoguttatus</i>) and its expression in gonad and germ cells during larval development. <i>Fish Physiology and Biochemistry</i> , 2016, 42, 1621-1636.	2.3	13
44	Generation of juvenile rainbow trout derived from cryopreserved whole ovaries by intraperitoneal transplantation of ovarian germ cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1478-1483.	2.1	55
45	Germ Cell-Specific Excision of loxP-Flanked Transgenes in Rainbow Trout <i>Oncorhynchus mykiss</i> 1. <i>Biology of Reproduction</i> , 2016, 94, 79.	2.7	3
46	Assessment of yellowtail kingfish (<i>Seriola lalandi</i>) as a surrogate host for the production of southern bluefin tuna (<i>Thunnus maccoyii</i>) seed via spermatogonial germ cell transplantation. <i>Reproduction, Fertility and Development</i> , 2016, 28, 2051.	0.4	26
47	Production of viable trout offspring derived from frozen whole fish. <i>Scientific Reports</i> , 2015, 5, 16045.	3.3	28
48	GnRHa-induced spawning of the Eastern little tuna (<i>Euthynnus affinis</i>) in a 70-m ³ land-based tank. <i>Aquaculture</i> , 2015, 442, 58-68.	3.5	17
49	Functional Sperm of the Yellowtail (<i>Seriola quinqueradiata</i>) Were Produced in the Small-Bodied Surrogate, Jack Mackerel (<i>Trachurus japonicus</i>). <i>Marine Biotechnology</i> , 2015, 17, 644-654.	2.4	49
50	Polyunsaturated fatty acid metabolism in a marine teleost, Nibe croaker <i>Nibea mitsukurii</i> : Functional characterization of Fads2 desaturase and Elovl5 and Elovl4 elongases. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 188, 37-45.	1.6	81
51	Enrichment of Spermatogonial Stem Cells using Side Population in Teleost 1. <i>Biology of Reproduction</i> , 2014, 91, 23.	2.7	23
52	Intraperitoneal Germ Cell Transplantation in the Nile Tilapia <i>Oreochromis niloticus</i> . <i>Marine Biotechnology</i> , 2014, 16, 309-320.	2.4	35
53	Expression patterns of <i>gdnf</i> and <i>gfr1±1</i> in rainbow trout testis. <i>Gene Expression Patterns</i> , 2014, 14, 111-120.	0.8	35
54	Gonadal Development and Fertility of Triploid Grass Puffer <i>Takifugu niphobles</i> Induced by Cold Shock Treatment. <i>Marine Biotechnology</i> , 2013, 15, 133-144.	2.4	49

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55	Short-term in vitro culturing improves transplantability of type A spermatogonia in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Molecular Reproduction and Development</i> , 2013, 80, 763-773.	2.0	28
56	The Pacific bluefin tuna (<i>Thunnus orientalis</i>) <i>dead end</i> gene is suitable as a specific molecular marker of type A spermatogonia. <i>Molecular Reproduction and Development</i> , 2013, 80, 871-880.	2.0	42
57	Generation of functional eggs and sperm from cryopreserved whole testes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1640-1645.	7.1	125
58	Combining next-generation sequencing with microarray for transcriptome analysis in rainbow trout gonads. <i>Molecular Reproduction and Development</i> , 2012, 79, 870-878.	2.0	15
59	Production of Donor-Derived Offspring by Allogeneic Transplantation of Spermatogonia in the Yellowtail (<i>Seriola quinqueradiata</i>). <i>Biology of Reproduction</i> , 2012, 86, 176.	2.7	85
60	Flow-Cytometric Isolation and Enrichment of Teleost Type A Spermatogonia Based on Light-Scattering Properties. <i>Biology of Reproduction</i> , 2012, 86, 107.	2.7	53
61	Characterization of lymphocyte antigen 75 (Ly75/CD205) as a potential cell-surface marker on spermatogonia in Pacific bluefin tuna <i>Thunnus orientalis</i> . <i>Fisheries Science</i> , 2012, 78, 791-800.	1.6	23
62	Spermatogonial transplantation in fish: A novel method for the preservation of genetic resources. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 55-61.	1.0	67
63	Colonization, proliferation, and survival of intraperitoneally transplanted yellowtail <i>Seriola quinqueradiata</i> spermatogonia in nibe croaker <i>Nibea mitsukurii</i> recipient. <i>Fisheries Science</i> , 2011, 77, 69-77.	1.6	57
64	Lymphocyte Antigen 75 (Ly75/CD205) Is a Surface Marker on Mitotic Germ Cells in Rainbow Trout. <i>Biology of Reproduction</i> , 2010, 83, 597-606.	2.7	42
65	Sexual plasticity of ovarian germ cells in rainbow trout. <i>Development (Cambridge)</i> , 2010, 137, 1227-1230.	2.5	130
66	Chub Mackerel Gonads Support Colonization, Survival, and Proliferation of Intraperitoneally Transplanted Xenogenic Germ Cells. <i>Biology of Reproduction</i> , 2010, 82, 896-904.	2.7	81
67	Improved In Vitro Culture Conditions to Enhance the Survival, Mitotic Activity, and Transplantability of Rainbow Trout Type A Spermatogonia. <i>Biology of Reproduction</i> , 2010, 83, 268-276.	2.7	53
68	cDNA cloning and expression analysis of a vasa-like gene in Pacific bluefin tuna <i>Thunnus orientalis</i> . <i>Fisheries Science</i> , 2009, 75, 71-79.	1.6	54
69	Development of Spermatogonial Cell Transplantation in Nibe Croaker, <i>Nibea mitsukurii</i> (Perciformes). <i>Tj ETQq1 1 0,784314 rgBT /Ove</i>	2.7	85
70	Culture conditions for maintaining the survival and mitotic activity of rainbow trout transplantable type A spermatogonia. <i>Molecular Reproduction and Development</i> , 2008, 75, 529-537.	2.0	53
71	Flow-Cytometric Isolation of Testicular Germ Cells from Rainbow Trout (<i>Oncorhynchus mykiss</i>) Carrying the Green Fluorescent Protein Gene Driven by Trout vasa Regulatory Regions. <i>Biology of Reproduction</i> , 2008, 78, 151-158.	2.7	83
72	Production of Trout Offspring from Triploid Salmon Parents. <i>Science</i> , 2007, 317, 1517-1517.	12.6	225

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73	A novel transforming growth factor- β superfamily member expressed in gonadal somatic cells enhances primordial germ cell and spermatogonial proliferation in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Developmental Biology</i> , 2007, 301, 266-275.	2.0	198
74	Generation of viable fish from cryopreserved primordial germ cells. <i>Molecular Reproduction and Development</i> , 2007, 74, 207-213.	2.0	76
75	Testicular germ cells can colonize sexually undifferentiated embryonic gonad and produce functional eggs in fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2725-2729.	7.1	233
76	Enhancement of EPA and DHA biosynthesis by over-expression of masu salmon Δ^6 -desaturase-like gene in zebrafish. <i>Transgenic Research</i> , 2005, 14, 159-165.	2.4	58
77	Surrogate broodstock produces salmonids. <i>Nature</i> , 2004, 430, 629-630.	27.8	176
78	Generation of Live Fry from Intraperitoneally Transplanted Primordial Germ Cells in Rainbow Trout. <i>Biology of Reproduction</i> , 2003, 69, 1142-1149.	2.7	144
79	Mass Isolation of Primordial Germ Cells from Transgenic Rainbow Trout Carrying the Green Fluorescent Protein Gene Driven by the <i>vasa</i> Gene Promoter. <i>Biology of Reproduction</i> , 2002, 67, 1087-1092.	2.7	94
80	Visualization of Primordial Germ Cells in Transgenic Rainbow Trout Carrying Green Fluorescent Protein Gene Driven by <i>vasa</i> Promoter. <i>Fisheries Science</i> , 2002, 68, 1067-1070.	1.6	4
81	Green Fluorescent Protein As a Cell-Labeling Tool and a Reporter of Gene Expression in Transgenic Rainbow Trout. <i>Marine Biotechnology</i> , 1999, 1, 448-457.	2.4	24
82	Development of a polymerase chain reaction (PCR)-based genetic sex identification method in the chub mackerel <i>Scomber japonicus</i> and blue mackerel <i>S. australasicus</i> . <i>Fisheries Science</i> , 0, , 1.	1.6	2