

Craig V Sullivan

List of Publications by Year in descending order

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102
papers

5,413
citations

66250

44
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107981

68
g-index

103
all docs

103
docs citations

103
times ranked

3130
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitellogenesis and Yolk Proteins, Fish. , 2018, , 266-277.		30
2	Ovarian expression and localization of clathrin (Cltc) components in cutthroat trout, <i>Oncorhynchus clarki</i> : Evidence for Cltc involvement in endocytosis of vitellogenin during oocyte growth. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 212, 24-34.	0.8	8
3	Maternal investment in fish oocytes and eggs: The molecular cargo and its contributions to fertility and early development. Aquaculture, 2017, 472, 107-143.	1.7	134
4	Scrambled eggs: Proteomic portraits and novel biomarkers of egg quality in zebrafish (<i>Danio rerio</i>). PLoS ONE, 2017, 12, e0188084.	1.1	34
5	Multiple vitellogenins and product yolk proteins in European sea bass (<i>Dicentrarchus labrax</i>): Molecular characterization, quantification in plasma, liver and ovary, and maturational proteolysis. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 194-195, 71-86.	0.7	24
6	Molecular cloning and partial characterization of a low-density lipoprotein receptor-related protein 13 (Lrp13) involved in vitellogenin uptake in the cutthroat trout (<i>Oncorhynchus clarki</i>). Molecular Reproduction and Development, 2015, 82, 986-1000.	1.0	29
7	Transcriptomics of mRNA and egg quality in farmed fish: Some recent developments and future directions. General and Comparative Endocrinology, 2015, 221, 23-30.	0.8	58
8	Estrogen-induced yolk precursors in European sea bass, <i>Dicentrarchus labrax</i> : Status and perspectives on multiplicity and functioning of vitellogenins. General and Comparative Endocrinology, 2015, 221, 16-22.	0.8	32
9	Ovarian yolk formation in fishes: Molecular mechanisms underlying formation of lipid droplets and vitellogenin-derived yolk proteins. General and Comparative Endocrinology, 2015, 221, 9-15.	0.8	118
10	Ovary Transcriptome Profiling via Artificial Intelligence Reveals a Transcriptomic Fingerprint Predicting Egg Quality in Striped Bass, <i>Morone saxatilis</i> . PLoS ONE, 2014, 9, e96818.	1.1	73
11	Lrp13 is a novel vertebrate lipoprotein receptor that binds vitellogenins in teleost fishes. Journal of Lipid Research, 2014, 55, 2287-2295.	2.0	46
12	Proportional accumulation of yolk proteins derived from multiple vitellogenins is precisely regulated during vitellogenesis in striped bass (<i>Morone saxatilis</i>). Journal of Experimental Zoology, 2014, 321, 301-315.	1.2	45
13	Ovarian expression and localization of a vitellogenin receptor with eight ligand binding repeats in the cutthroat trout (<i>Oncorhynchus clarki</i>). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2013, 166, 81-90.	0.7	52
14	Molecular cloning and partial characterization of an ovarian receptor with seven ligand binding repeats, an orthologue of low-density lipoprotein receptor, in the cutthroat trout (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 166, 263-271.	0.8	17
15	Dynamics of the Striped Bass (<i>Morone saxatilis</i>) Ovary Proteome Reveal a Complex Network of the Translasome. Journal of Proteome Research, 2013, 12, 1691-1699.	1.8	34
16	Molecular Cloning and Transcript Expression of Genes Encoding Two Types of Lipoprotein Lipase in the Ovary of Cutthroat Trout, <i>Oncorhynchus clarki</i> . Zoological Science, 2013, 30, 224-237.	0.3	11
17	Clinical and Pathological Effects of the Polyopisthocotylean Monogenean, <i>Gamacallum macroura</i> in White Bass. Journal of Aquatic Animal Health, 2012, 24, 251-257.	0.6	2
18	An ovary transcriptome for all maturational stages of the striped bass (<i>Morone saxatilis</i>), a highly advanced perciform fish. BMC Research Notes, 2012, 5, 111.	0.6	47

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19	A Microsatellite Linkage Map of Striped Bass (<i>Morone saxatilis</i>) Reveals Conserved Synteny with the Three-Spined Stickleback (<i>Gasterosteus aculeatus</i>). <i>Marine Biotechnology</i> , 2012, 14, 237-244.	1.1	17
20	Molecular characterization of two isoforms of piscidin 4 from the hybrid striped bass (<i>Morone chrysops</i> × <i>M. saxatilis</i>). <i>Marine Biotechnology</i> , 2012, 14, 237-244.	1.6	41
21	Disparate Binding of Three Types of Vitellogenin to Multiple Forms of Vitellogenin Receptor in White Perch. <i>Biology of Reproduction</i> , 2011, 84, 392-399.	1.2	47
22	Oogenesis and spawn formation in the invasive lionfish, <i>Pterois miles</i> and <i>Pterois volitans</i> . <i>Scientia Marina</i> , 2011, 75, 147-154.	0.3	45
23	Induction of vitellogenin production in male tilapia (<i>Oreochromis mossambicus</i>) by commercial fish diets. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, 249-254.	0.8	26
24	Conserved and Variant Molecular and Functional Features of Multiple Egg Yolk Precursor Proteins (Vitellogenins) in White Perch (<i>Morone americana</i>) and other Teleosts. <i>Marine Biotechnology</i> , 2009, 11, 169-187.	1.1	79
25	Effects of o,p'-DDE, heptachlor, and 17 β -estradiol on vitellogenin gene expression and the growth hormone/insulin-like growth factor-I axis in the tilapia, <i>Oreochromis mossambicus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 507-514.	1.3	17
26	Multiple vitellogenin-derived yolk proteins in gray mullet (<i>Mugil cephalus</i>): Disparate proteolytic patterns associated with ovarian follicle maturation. <i>Molecular Reproduction and Development</i> , 2008, 75, 1307-1317.	1.0	47
27	Gender-specific expression of multiple estrogen receptors, growth hormone receptors, insulin-like growth factors and vitellogenins, and effects of 17 β -estradiol in the male tilapia (<i>Oreochromis</i>). <i>Marine Biotechnology</i> , 2008, 10, 107-114.	1.1	48
28	Induction of Three Vitellogenins by 17 β -Estradiol with Concurrent Inhibition of the Growth Hormone-Insulin-Like Growth Factor 1 Axis in a Euryhaline Teleost, the Tilapia (<i>Oreochromis</i>). <i>Marine Biotechnology</i> , 2008, 10, 107-114.	1.1	48
29	Egg yolk proteins in grey mullet (<i>Mugil cephalus</i>): purification and classification of multiple lipovitellins and other vitellogenin-derived yolk proteins and molecular cloning of the parent vitellogenin genes. <i>Journal of Experimental Zoology</i> , 2007, 307A, 324-341.	1.2	45
30	In vitro actions of insulin-like growth factor-I on ovarian follicle maturation in white perch (<i>Morone americana</i>). <i>General and Comparative Endocrinology</i> , 2007, 151, 180-187.	0.8	48
31	Purification of multiple vitellogenins in grey mullet (<i>Mugil cephalus</i>). <i>Marine Biology</i> , 2007, 152, 1215-1225.	0.7	28
32	Selective breeding for the hybrid striped bass (<i>Morone chrysops</i> , Rafinesque × <i>M. saxatilis</i> , Walbaum) industry: status and perspectives. <i>Aquaculture Research</i> , 2006, 37, 319-338.	0.9	44
33	Molecular characterization of three forms of vitellogenin and their yolk protein products during oocyte growth and maturation in red seabream (<i>Pagrus major</i>), a marine teleost spawning pelagic eggs. <i>Molecular Reproduction and Development</i> , 2006, 73, 719-736.	1.0	103
34	Identification and characterization of microsatellites for striped bass from repeat-enriched libraries. <i>Conservation Genetics</i> , 2006, 7, 971-982.	0.8	17
35	Multiple piscine vitellogenins: biomarkers of fish exposure to estrogenic endocrine disruptors in aquatic environments. <i>Marine Biology</i> , 2006, 149, 35-47.	0.7	130
36	Evaluation of DNA Pooling for the Estimation of Microsatellite Allele Frequencies: A Case Study Using Striped Bass (<i>Morone saxatilis</i>). <i>Genetics</i> , 2006, 173, 863-875.	1.2	16

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37	Insulin-Like Growth Factor-I Induces Oocyte Maturation Competence but Not Meiotic Resumption in White Bass (<i>Morone chrysops</i>) Follicles In Vitro: Evidence for Rapid Evolution of Insulin-Like Growth Factor Action 1. <i>Biology of Reproduction</i> , 2005, 72, 1177-1186.	1.2	45
38	Multiple Vitellogenins (Vgs) in Mosquitofish (<i>Gambusia affinis</i>): Identification and Characterization of Three Functional Vg Genes and Their Circulating and Yolk Protein Products 1. <i>Biology of Reproduction</i> , 2005, 72, 1045-1060.	1.2	93
39	Chapter 16 Vitellogenesis and endocrine disruption. <i>Biochemistry and Molecular Biology of Fishes</i> , 2005, , 431-471.	0.5	50
40	Osmoregulatory effects of hypophysectomy and homologous prolactin replacement in hybrid striped bass. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 140, 211-218.	0.7	15
41	Disparate effects of constant and annually-cycling daylength and water temperature on reproductive maturation of striped bass (<i>Morone saxatilis</i>). <i>Aquaculture</i> , 2005, 249, 497-513.	1.7	70
42	Molecular Characterization and Expression of Vitellogenin Receptor from White Perch (<i>Morone</i>) Tj ETQqO 0 0 rgBT /Qverlock_10 Tf 50 5	1.2	78
43	Effective GnRHa dose and gamete ratio for reproduction of southern flounder, <i>Paralichthys lethostigma</i> (Jordan and Gilbert 1884). <i>Aquaculture Research</i> , 2004, 35, 1482-1486.	0.9	4
44	Bluegill (<i>Lepomis macrochirus</i>) vitellogenin: purification and enzyme-linked immunosorbent assay for detection of endocrine disruption by papermill effluent. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 137, 249-260.	1.3	18
45	Induction of diploid gynogenesis in southern flounder (<i>Paralichthys lethostigma</i>) with homologous and heterologous sperm. <i>Aquaculture</i> , 2004, 237, 499-516.	1.7	46
46	Induced maturation and spawning: opportunities and applications for research on oogenesis. <i>Fish Physiology and Biochemistry</i> , 2003, 28, 481-486.	0.9	23
47	Carp (<i>Cyprinus carpio</i>) vitellogenin: purification and development of a simultaneous chemiluminescent immunoassay. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003, 134, 615-623.	0.8	39
48	Identification of proopiomelanocortin-related peptides in the rostral pars distalis of the pituitary in coelacanth: evolutionary implications. <i>General and Comparative Endocrinology</i> , 2003, 130, 340-349.	0.8	28
49	The Effects of the Soy Isoflavone Genistein on the Reproductive Development of Striped Bass. <i>North American Journal of Aquaculture</i> , 2003, 65, 226-234.	0.7	36
50	Vitellogenesis in Aquatic Animals. <i>Fisheries Science</i> , 2002, 68, 694-699.	0.7	72
51	Arginine vasotocin effects on courtship behavior in male white perch (<i>Morone americana</i>). <i>Behavioural Brain Research</i> , 2002, 133, 177-183.	1.2	88
52	Vitellogenin-Derived Yolk Proteins of White Perch, <i>Morone americana</i> : Purification, Characterization, and Vitellogenin-Receptor Binding 1. <i>Biology of Reproduction</i> , 2002, 67, 655-667.	1.2	84
53	Identification and characterization of proteases involved in specific proteolysis of vitellogenin and yolk proteins in salmonids. <i>The Journal of Experimental Zoology</i> , 2002, 292, 11-25.	1.4	90
54	Ovarian follicle growth, maturation, and ovulation in teleost fish. <i>Fish Physiology and Biochemistry</i> , 2002, 26, 57-70.	0.9	380

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55	Courtship and Tank Spawning Behavior of Temperate Basses (Genus <i>Morone</i>). Transactions of the American Fisheries Society, 2001, 130, 833-847.	0.6	13
56	Development and validation of chemiluminescent immunoassay for vitellogenin in five salmonid species. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 130, 163-170.	0.8	45
57	Courtship behavior of male white perch, <i>Morone americana</i> : evidence for control by androgens. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 130, 731-740.	0.8	21
58	Isolation and Characterization of Myostatin Complementary Deoxyribonucleic Acid Clones from Two Commercially Important Fish: <i>Oreochromis mossambicus</i> and <i>Morone chrysops</i> *. Endocrinology, 2001, 142, 1412-1418.	1.4	117
59	Purification, Characterization, and Bioassay of Prolactin and Growth Hormone from Temperate Basses, Genus <i>Morone</i> . General and Comparative Endocrinology, 2000, 117, 138-150.	0.8	10
60	Effects of Insulin-Like Growth Factor-I on In Vitro Final Oocyte Maturation and Ovarian Steroidogenesis in Striped Bass, <i>Morone saxatilis</i> 1. Biology of Reproduction, 2000, 63, 1049-1057.	1.2	118
61	Sex Steroids Relative to Alternative Mating Behaviors in the Simultaneous Hermaphrodite <i>Serranus subligarius</i> (Perciformes: Serranidae). Hormones and Behavior, 2000, 37, 198-211.	1.0	18
62	Morpho-physiological predictors of ovulatory success in captive striped bass (<i>Morone saxatilis</i>). Aquaculture, 2000, 188, 133-146.	1.7	20
63	Identification of gender and reproductive maturity in the absence of gonads: muscle tissue levels of sex steroids and vitellogenin in gag (<i>Mycteroperca microlepis</i>). Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 148-159.	0.7	26
64	Enzyme-Linked Immunosorbent Assay (ELISA) of Vitellogenin in Temperate Basses (Genus <i>Morone</i>): Plasma and In Vitro Analyses. Transactions of the American Fisheries Society, 1999, 128, 532-541.	0.6	24
65	Annual Reproductive Cycle of the Common Snook: Endocrine Correlates of Maturation. Transactions of the American Fisheries Society, 1999, 128, 436-445.	0.6	26
66	Fathead minnow (<i>Pimephales promelas</i>) vitellogenin: purification, characterization and quantitative immunoassay for the detection of estrogenic compounds. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 123, 113-125.	0.5	114
67	Broodstock management and spawning of southern flounder, <i>Paralichthys lethostigma</i> . Aquaculture, 1999, 176, 87-99.	1.7	58
68	Two Forms of Vitellogenin, Yielding Two Distinct Lipovitellins, Play Different Roles during Oocyte Maturation and Early Development of Barfin Flounder, <i>Verasper moseri</i> , a Marine Teleost that Spawns Pelagic Eggs. Developmental Biology, 1999, 213, 18-32.	0.9	212
69	A Receptor for the Oocyte Maturation-Inducing Hormone 17 β ,20 β ,21-Trihydroxy-4-Pregnen-3-One on Ovarian Membranes of Striped Bass1. Biology of Reproduction, 1997, 56, 266-271.	1.2	50
70	Production of Southern Flounder <i>Paralichthys lethostigma</i> Juveniles in an Outdoor Nursery Pond. Journal of the World Aquaculture Society, 1997, 28, 211-214.	1.2	11
71	Hormone Induced Spawning of Summer Flounder <i>Paralichthys dentatus</i> . Journal of the World Aquaculture Society, 1997, 28, 79-86.	1.2	69
72	Clinical Pathology and Histopathology Characteristics of Net-Stressed Striped Bass with "Red Tail". Journal of Aquatic Animal Health, 1996, 8, 82-86.	0.6	15

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73	Characterization of a Vitellogenin Receptor in White Perch (<i>Morone americana</i>)1. Biology of Reproduction, 1996, 55, 646-656.	1.2	40
74	Induced Ovulation of Southern Flounder <i>Paralichthys lethostigma</i> Using Gonadotropin Releasing Hormone Analogue Implants. Journal of the World Aquaculture Society, 1996, 27, 143-152.	1.2	79
75	Involvement of gonadal steroids in final oocyte maturation of white perch (<i>Morone americana</i>) and white bass (<i>M. chrysops</i>): in vivo and in vitro studies. Fish Physiology and Biochemistry, 1995, 14, 489-500.	0.9	44
76	The Annual Reproductive Cycle of the White Bass <i>Morone chrysops</i> . Journal of the World Aquaculture Society, 1995, 26, 252-260.	1.2	31
77	Volitional Tank Spawning of Female Striped Bass with Male White Bass Produces Hybrid Offspring. Transactions of the American Fisheries Society, 1995, 124, 628-632.	0.6	13
78	Reproduction of White Perch: The Annual Gametogenic Cycle. Transactions of the American Fisheries Society, 1995, 124, 563-577.	0.6	77
79	Universal Assay of Vitellogenin as a Biomarker for Environmental Estrogens. Environmental Health Perspectives, 1995, 103, 9.	2.8	107
80	Thyroid hormones in brown trout (<i>Salmo trutta</i>) reproduction and early development. Fish Physiology and Biochemistry, 1994, 13, 485-493.	0.9	49
81	Sex Steroid Hormone and Vitellogenin Levels in Striped Bass (<i>Morone saxatilis</i>) Maturing under 6-, 9-, and 12-Month Photothermal Cycles. General and Comparative Endocrinology, 1994, 94, 122-134.	0.8	44
82	Plasma Levels of Gonadal Steroids during Final Oocyte Maturation of Striped Bass, <i>Morone saxatilis</i> L. General and Comparative Endocrinology, 1994, 95, 178-191.	0.8	90
83	Hormonal Regulation of Final Maturation of Striped Bass Oocytes in Vitro. General and Comparative Endocrinology, 1994, 96, 223-233.	0.8	59
84	Effects of the planar PCB 3,3',4,4'-tetrachlorobiphenyl (TCB) on ovarian development, plasma levels of sex steroid hormones and vitellogenin, and progeny survival in the white perch (<i>Morone americana</i>). Aquatic Toxicology, 1994, 29, 1-19.	1.9	78
85	Purification, characterization and immunoassay of striped bass (<i>Morone saxatilis</i>) vitellogenin. Fish Physiology and Biochemistry, 1993, 12, 31-46.	0.9	85
86	Reproduction of a Domestic Striped Bass Brood Stock. Progressive Fish-Culturist, 1992, 54, 184-188.	0.6	28
87	GnRHa-induced ovulation of brown trout (<i>Salmo trutta</i>) and its effects on egg quality. Aquaculture, 1992, 106, 379-392.	1.7	99
88	Fish and amphibian models for developmental endocrinology. The Journal of Experimental Zoology, 1990, 256, 90-97.	1.4	54
89	Pancreatic and thyroid hormones in rainbow trout (<i>Salmo gairdneri</i>): What concentration does the liver see?. General and Comparative Endocrinology, 1989, 75, 310-315.	0.8	40
90	Thyroid hormones in trout reproduction: Enhancement of gonadotropin-releasing hormone analogue and partially purified salmon gonadotropin-induced ovarian maturation in vivo and in vitro. The Journal of Experimental Zoology, 1989, 250, 188-195.	1.4	30

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91	Relationship between metabolic and reproductive hormones in salmonid fish. <i>Fish Physiology and Biochemistry</i> , 1989, 7, 147-155.	0.9	49
92	Effects of temperature and feeding on smolting and seawater survival of Atlantic salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50 7	1.7	15
93	Absorption, body distribution, and excretion of dietary zinc by rainbow trout (<i>Salmo gairdneri</i>). <i>Fish Physiology and Biochemistry</i> , 1987, 3, 133-143.	0.9	67
94	Effects of triiodothyronine and propylthiouracil on thyroid function and smoltification of coho salmon (<i>Oncorhynchus kisutch</i>). <i>Fish Physiology and Biochemistry</i> , 1987, 4, 121-135.	0.9	25
95	Thyroid hormones in blood plasma of developing salmon embryos. <i>General and Comparative Endocrinology</i> , 1987, 65, 337-345.	0.8	37
96	Nuclear receptors for l-triiodothyronine in trout erythrocytes. <i>General and Comparative Endocrinology</i> , 1987, 65, 149-160.	0.8	24
97	Changes in the hemoglobin system of the coho salmon <i>Oncorhynchus kisutch</i> during smoltification and triiodothyronine and propylthiouracil treatment. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 81, 807-813.	0.7	19
98	Thyroid hormones and gill ATPase during smoltification of Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 1985, 45, 376.	1.7	8
99	Changes in plasma estradiol and effects of triiodothyronine on plasma estradiol during smoltification of coho salmon, <i>Oncorhynchus kisutch</i> . <i>General and Comparative Endocrinology</i> , 1984, 54, 486-492.	0.8	36
100	Canola Meal in Rainbow Trout (<i>Salmo gairdneri</i>) Production Diets. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1983, 40, 281-286.	0.7	53
101	Plasma Thyroid-Hormone Concentrations and Gill (Na+K)-ATPase Activities in Postemergent Pink Salmon. <i>Transactions of the American Fisheries Society</i> , 1983, 112, 825-829.	0.6	21
102	Isolation and Characterization of Myostatin Complementary Deoxyribonucleic Acid Clones from Two Commercially Important Fish: <i>Oreochromis mossambicus</i> and <i>Morone chrysops</i> . , 0, .		36