

# Michael E Barnes

## List of Publications by Year in descending order

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84  
papers

886  
citations

471509

17  
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610901

24  
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84  
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84  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Observations on Hydrogen Peroxide Control of <i>Saprolegnia</i> spp. during Rainbow Trout Egg Incubation. <i>Progressive Fish-Culturist</i> , 1998, 60, 67-70.	0.6	47
2	Use of Hydrogen Peroxide and Formalin Treatments during Incubation of Landlocked Fall Chinook Salmon Eyed Eggs. <i>North American Journal of Aquaculture</i> , 2003, 65, 151-154.	1.4	36
3	Reproductive Performance of Inland Fall Chinook Salmon. <i>North American Journal of Aquaculture</i> , 2000, 62, 203-211.	1.4	34
4	Structural Complexity Improves the Rearing Performance of Rainbow Trout in Circular Tanks. <i>North American Journal of Aquaculture</i> , 2016, 78, 203-207.	1.4	33
5	An initial investigation replacing fish meal with a commercial fermented soybean meal product in the diets of juvenile rainbow trout. <i>Open Journal of Animal Sciences</i> , 2012, 02, 234-243.	0.6	31
6	Rainbow Trout Rearing Performance, Intestinal Morphology, and Immune Response after Long-Term Feeding of High Levels of Fermented Soybean Meal. <i>North American Journal of Aquaculture</i> , 2014, 76, 333-345.	1.4	30
7	Use of Formalin during Incubation of Eyed Eggs of Inland Fall Chinook Salmon. <i>Progressive Fish-Culturist</i> , 1997, 59, 303-306.	0.6	27
8	Bacterial Numbers from Landlocked Fall Chinook Salmon Eyed Eggs Subjected to Various Formalin Treatments as Determined by Scanning Electron Microscopy and Bacteriological Culture Methods. <i>North American Journal of Aquaculture</i> , 2005, 67, 23-33.	1.4	26
9	Enrichment of Circular Tanks with Vertically Suspended Strings of Colored Balls Improves Rainbow Trout Rearing Performance. <i>North American Journal of Aquaculture</i> , 2018, 80, 162-167.	1.4	25
10	An Evaluation of Vertically Suspended Environmental Enrichment Structures during Rainbow Trout Rearing. <i>North American Journal of Aquaculture</i> , 2019, 81, 94-100.	1.4	25
11	Full and Partial Overhead Tank Cover Improves Rainbow Trout Rearing Performance. <i>North American Journal of Aquaculture</i> , 2016, 78, 20-24.	1.4	24
12	Effects of Different Water Velocities on the Hatchery Rearing Performance and Recovery from Transportation of Rainbow Trout Fed Two Different Rations. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 882-890.	1.4	23
13	Bioprocessed soybean meal replacement of fish meal in rainbow trout ( <i>Oncorhynchus mykiss</i> ) diets. <i>Cogent Food and Agriculture</i> , 2019, 5, 1579482.	1.4	23
14	Use of Suspended Plastic Conduit Arrays during Brown Trout and Rainbow Trout Rearing in Circular Tanks. <i>North American Journal of Aquaculture</i> , 2019, 81, 101-106.	1.4	23
15	Use of Formalin during Incubation of Rainbow Trout Eyed Eggs. <i>North American Journal of Aquaculture</i> , 2000, 62, 54-59.	1.4	22
16	Bacterial Populations during Inland Fall Chinook Salmon Egg Culture in Vertical-Flow Tray Incubators. <i>North American Journal of Aquaculture</i> , 1999, 61, 252-257.	1.4	21
17	Comparative performance of two rainbow trout strains fed fermented soybean meal. <i>Aquaculture International</i> , 2015, 23, 1227-1238.	2.2	21
18	Rearing Velocity Impacts on Landlocked Fall Chinook Salmon ( <i>Oncorhynchus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2014, 04, 244-252.	0.6	20

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19	Soft-Egg Disease in Landlocked Fall Chinook Salmon Eggs: Possible Causes and Therapeutic Treatments. North American Journal of Aquaculture, 2003, 65, 126-133.	1.4	18
20	Survival of Rainbow Trout Sac Fry Subjected to Various Formalin and Hand-Picking Regimes during Rearing in Vertical-Flow Tray Incubators. North American Journal of Aquaculture, 2002, 64, 129-135.	1.4	17
21	Use of Hydrogen Peroxide during Incubation of Landlocked Fall Chinook Salmon Eggs in Vertical-Flow Incubators. North American Journal of Aquaculture, 2004, 66, 29-34.	1.4	16
22	Decreased Hatchery Rearing Density Improves Poststocking Harvest and Return to Spawning of Landlocked Fall Chinook Salmon. North American Journal of Aquaculture, 2013, 75, 244-250.	1.4	16
23	Draft Genome Sequences of Three <i>Flavobacterium psychrophilum</i> Strains Isolated from Coldwater Disease Outbreaks at Three Production Hatcheries. Genome Announcements, 2016, 4, .	0.8	15
24	Bacterial Populations during Rainbow Trout Egg Culture in Vertical-Flow Tray Incubators. North American Journal of Aquaculture, 2000, 62, 48-53.	1.4	14
25	Use of Formalin Treatments During Incubation of Eyed Eggs of Brown Trout. North American Journal of Aquaculture, 2001, 63, 333-337.	1.4	14
26	Viability of Inland Fall Chinook Salmon Spawn Containing Overripe Eggs and the Reliability of Egg Viability Estimates. North American Journal of Aquaculture, 2000, 62, 237-239.	1.4	13
27	Potential Indicators of Egg Viability in Landlocked Fall Chinook Salmon Spawn with or without the Presence of Overripe Eggs. North American Journal of Aquaculture, 2003, 65, 49-55.	1.4	13
28	Evaluation of Formalin and Hydrogen Peroxide Treatment Regimes on Rainbow Trout Eyed Eggs. North American Journal of Aquaculture, 2007, 69, 5-10.	1.4	13
29	Poststocking Harvest of Catchable-Sized Rainbow Trout Enhanced by Dietary Supplementation with a Fully Fermented Commercial Yeast Culture during Hatchery Rearing. North American Journal of Fisheries Management, 2009, 29, 1287-1295.	1.0	13
30	Practical Observations on the Use of Eggs from Electroshocked Females during Spawning of Inland Fall Chinook Salmon. North American Journal of Aquaculture, 1999, 61, 162-166.	1.4	11
31	Partial Overhead Tank Cover Use during Feral Brown Trout Rearing. North American Journal of Aquaculture, 2005, 67, 319-323.	1.4	11
32	Preliminary Evaluation of Rainbow Trout Diets Containing PepSoyGen, a Fermented Soybean Meal Product, and Additional Amino Acids. The Open Fish Science Journal, 2013, 6, 19-27.	0.2	10
33	Acoustic Transmitters Impact Rainbow Trout Growth in a Competitive Environment. The Open Fish Science Journal, 2016, 9, 37-44.	0.2	10
34	Transportation Influences on Inland Fall Chinook Salmon Egg Survival. North American Journal of Aquaculture, 1999, 61, 27-33.	1.4	9
35	Microbial Inhibition in Response to Treatments of Hydrogen Peroxide and Formalin on Landlocked Fall Chinook Salmon Eyed Eggs, as Determined by Scanning Electron Microscopy. North American Journal of Aquaculture, 2003, 65, 324-329.	1.4	9
36	Lack of Effect of Iodophor on Survival of Westslope Cutthroat Trout Eggs during Water Hardening. North American Journal of Aquaculture, 2003, 65, 266-268.	1.4	9

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37	Reduced Formalin and Hydrogen Peroxide Treatments during Walleye Egg Incubation. North American Journal of Aquaculture, 2006, 68, 276-280.	1.4	9
38	Effects of Exercise and Bioprocessed Soybean Meal Diets during Rainbow Trout Rearing. The Open Biology Journal, 2019, 7, 1-13.	0.5	9
39	Rearing Performance of Atlantic Salmon Grown in Circular Tanks with Vertically-Suspended Environmental Enrichment. Open Journal of Animal Sciences, 2019, 09, 249-257.	0.6	9
40	Effects of Partial Tank Covers on the Growth of Juvenile Feral Rainbow Trout during Hatchery Rearing. North American Journal of Aquaculture, 2003, 65, 344-348.	1.4	8
41	A Survey of Bacteria in the Ovarian Fluid of Landlocked Fall Chinook Salmon and their Relationship with Egg Survival. North American Journal of Aquaculture, 2010, 72, 314-320.	1.4	8
42	Vertically-Suspended Environmental Enrichment Alters the Velocity Profiles of Circular Fish Rearing Tanks. World Journal of Engineering and Technology, 2019, 07, 208-226.	0.5	8
43	Changes in Water Hardness Influence Colonization of Saprolegnia diclina. North American Journal of Aquaculture, 2004, 66, 222-227.	1.4	7
44	Incubation of Landlocked Fall Chinook Salmon Eggs in Petri Dishes. North American Journal of Aquaculture, 2017, 79, 183-186.	1.4	7
45	Environmental Influences on Landlocked Fall Chinook Salmon Reproductive Characteristics. North American Journal of Aquaculture, 2001, 63, 58-65.	1.4	6
46	Petri Dish Incubation of Eyed Eggs from Rainbow Trout and Splake. North American Journal of Aquaculture, 2008, 70, 410-414.	1.4	6
47	Effects of Fish Length and Anatomical Placement on Retention of Visible Implant Alpha Tags in Hatchery-Reared Rainbow Trout. North American Journal of Fisheries Management, 2014, 34, 932-937.	1.0	6
48	Increasing Iodine Concentrations during Landlocked Fall Chinook Salmon Egg Disinfection Decrease Bacterial Numbers with No Impact on Egg Survival. North American Journal of Aquaculture, 2018, 80, 363-368.	1.4	6
49	Competitor Density and Size Effects on Aggression and Feeding in Cutthroat Trout: Implications for Aquaculture. The Open Fish Science Journal, 2011, 4, 62-66.	0.2	6
50	Use of Exercise and Structure during Rainbow Trout Rearing. Open Journal of Applied Sciences, 2020, 10, 258-269.	0.4	6
51	Parental Male Effects on Landlocked Fall Chinook Salmon Progeny Survival. North American Journal of Aquaculture, 2012, 74, 443-448.	1.4	5
52	Characterization of Bacteria Isolated from Landlocked Fall Chinook Salmon Eggs from Lake Oahe, South Dakota. North American Journal of Aquaculture, 2013, 75, 159-163.	1.4	5
53	Effect of Two Fertilization Enhancement Solutions on the Success of Inland Chinook Salmon Spawning. Progressive Fish-Culturist, 1992, 54, 206-207.	0.6	4
54	Initial Observations on Thiamine Hydrochloride Treatment of Eggs of Landlocked Fall Chinook Salmon. North American Journal of Aquaculture, 2001, 63, 338-342.	1.4	4

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55	An Evaluation of Two Egg Collection and Two Fertilization Techniques during Landlocked Fall Chinook Salmon Spawning. North American Journal of Aquaculture, 2011, 73, 339-342.	1.4	4
56	Electrofishing of Landlocked Fall Chinook Salmon Broodstock Negatively Impacts Egg Survival. North American Journal of Aquaculture, 2018, 80, 411-417.	1.4	4
57	A comparison of cyanoacrylate to sutures for wound closure following acoustic transmitter insertion in rainbow trout. Aquaculture and Fisheries, 2021, 6, 513-518.	2.2	4
58	Visitor Policies and Practices at Public Trout and Salmon Hatcheries in North America. Fisheries, 2004, 29, 16-21.	0.8	3
59	External Egg Membrane Characteristics of Landlocked Fall Chinook Salmon Eyed Eggs Treated with Hydrogen Peroxide or Formalin. North American Journal of Aquaculture, 2005, 67, 171-176.	1.4	3
60	Impact of Vertically-Suspended Environmental Enrichment and Two Densities of Fish on Circular Tank Velocity Profiles. Engineering, 2020, 12, 723-738.	0.8	3
61	Lack of Correlation between Chinook Salmon Spawn Survival and the Number of Overripe Eggs as Determined by Digital Imagery. North American Journal of Aquaculture, 2004, 66, 165-167.	1.4	2
62	Lack of Temporal Variation in Egg Size in Landlocked Fall Chinook Salmon from Lake Oahe, South Dakota. Transactions of the American Fisheries Society, 2014, 143, 289-293.	1.4	2
63	Concentration of Stocked Rainbow Trout Catch and Harvest by a Small Number of Recreational Anglers. Journal of Fisheries Sciences, 2017, 11, .	0.2	2
64	Assessment of a Novel Surgical Technique for Acoustic Transmitter Insertion. Open Journal of Veterinary Medicine, 2021, 11, 247-257.	0.4	2
65	Covering Rearing Tanks Improves Brown Trout Growth and Feed Conversion. Agricultural Sciences, 2016, 07, 869-878.	0.3	2
66	Vertically-Suspended Environmental Enrichment Improves Growth of Landlocked Fall Chinook Salmon during Initial Hatchery Rearing. Open Journal of Applied Sciences, 2020, 10, 725-731.	0.4	2
67	Sudden Changes in Water Hardness Do Not Impact Short-Term Rainbow Trout Survival. Fishes, 2022, 7, 44.	1.7	2
68	Hermaphroditism Observed in Captive Fall Chinook Salmon Broodstock. North American Journal of Aquaculture, 2001, 63, 262-264.	1.4	1
69	Landlocked Fall Chinook Salmon Kidney Bacteria in Relation to Egg Survival. North American Journal of Aquaculture, 2016, 78, 57-63.	1.4	1
70	The Relationship Between Digital Egg Coloration and Egg Survival in Landlocked Fall Chinook. Aquatic Science and Technology, 2018, 7, 31.	0.1	1
71	Escapement of Broodstock Chinook Salmon From Whitlock Bay Spawning Station, Lake Oahe, South Dakota. Aquatic Science and Technology, 2020, 9, 18.	0.1	1
72	Thermal Tempering Does Not Increase the Survival of Eyed Salmonid Eggs. Open Journal of Applied Sciences, 2021, 11, 287-293.	0.4	1

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73	Turbidity of Landlocked Fall Chinook Salmon Ovarian Fluid in Relation to Egg Survival. <i>The Open Fish Science Journal</i> , 2013, 6, 75-77.	0.2	1
74	Landlocked Fall Chinook Salmon Egg Survival during Jar and Tray Incubation at a Production Hatchery. <i>The Open Fish Science Journal</i> , 2014, 7, 29-31.	0.2	1
75	Landlocked Fall Chinook Salmon Maternal Liver and Egg Thiamine Levels in Relation to Reproductive Characteristics. <i>The Open Fish Science Journal</i> , 2017, 10, 23-32.	0.2	1
76	Effect of Activated Milt Residence Time on Landlocked Fall Chinook Salmon Egg Survival. <i>Open Journal of Applied Sciences</i> , 2020, 10, 135-141.	0.4	1
77	Thermal Tempering Does Not Impact Rainbow Trout and Brown Trout Survival. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2020, 11, 345-353.	0.7	1
78	Initial Investigations of Hops as a Salmonid Egg Fungicide. <i>North American Journal of Aquaculture</i> , 2012, 74, 310-313.	1.4	0
79	Landlocked Fall Chinook Salmon Ovarian Fluid Turbidity and Egg Survival. <i>North American Journal of Aquaculture</i> , 2015, 77, 18-21.	1.4	0
80	Evaluation of Two Formalin Concentrations During Yellow Perch Egg Incubation. <i>Aquatic Science and Technology</i> , 2019, 8, 1.	0.1	0
81	Effects of Two Activated Milt Residence Times on Landlocked Fall Chinook Salmon Egg Survival to the Eyed Stage of Development. <i>North American Journal of Aquaculture</i> , 2021, 83, 203-206.	1.4	0
82	Retention of fin clips and fin and operculum punch marks in rainbow trout. <i>Aquaculture and Fisheries</i> , 2021, , .	2.2	0
83	Behavioral Response of Multiple Rainbow Trout to Vertically Suspended Environmental Enrichment. <i>Aquaculture Journal</i> , 2022, 2, 180-185.	1.8	0
84	Sutureless Implantation of Acoustic Transmitters in Rainbow Trout Exceeding 2% Tag-to-Body Ratio. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2022, 13, 265-271.	0.7	0