Wagner C Valenti

List of Publications by Year in Descending Order

109 papers	1,586 citations	22 h-index	33 g-index
118 ext. papers	1,954 ext. citations	3 avg, IF	5.17 L-index

#	Paper	IF	Citations
109	Environmental Accounting of the Yellow-Tail Lambari Aquaculture: Sustainability of Rural Freshwater Pond Systems. *Sustainability*, **2022**, 14, 2090	3.6	0
108	Bioactivity of the Protein Hydrolysates Obtained from the Most Abundant Crustacean Bycatch. *Marine Biotechnology*, **2021**, 23, 881-891	3.4	0
107	Social interaction in males of the Amazon river prawn Macrobrachium amazonicum (Heller, 1862) (Decapoda, Palaemonidae). *Crustaceana*, **2021**, 94, 325-341	0.4	2
106	Preparation and Characterization of Microcapsules Containing Antioxidant Fish Protein Hydrolysates: a New Use of Bycatch in Brazil. *Marine Biotechnology*, **2021**, 23, 321-330	3.4	1
105	Beyond a Sustainable Consumption Behavior: What Post-pandemic World Do We Want to Live in?. *Frontiers in Sustainability*, **2021**, 2,	2.1	3
104	Aquaculture in Brazil: past, present and future. *Aquaculture Reports*, **2021**, 19, 100611	2.3	30
103	Sustainability Analysis of the Production of Early Stages of the Atlantic Forest Lambari (Deuterodon iguape) in a Public Hatchery at a Rainforest Conservation Area. *Sustainability*, **2021**, 13, 5934	3.6	1
102	Carbon budget in integrated aquaculture systems with Nile tilapia (Oreochromis niloticus) and Amazon river prawn (Macrobrachium amazonicum). *Aquaculture Research*, **2021**, 52, 5155	1.9	2
101	Sustainability of the seaweed Hypnea pseudomusciformis farming in the tropical Southwestern Atlantic. *Ecological Indicators*, **2021**, 121, 107101	5.8	5
100	Biological activities of the protein hydrolysate obtained from two fishes common in the fisheries bycatch. *Food Chemistry*, **2021**, 342, 128361	8.5	6
99	Improving the Efficiency of Lambari Production and Diet Assimilation Using Integrated Aquaculture with Benthic Species. *Sustainability*, **2021**, 13, 10196	3.6	2
98	Environmental sustainability of Nile tilapia net-cage culture in a neotropical region. *Ecological Indicators*, **2021**, 129, 108008	5.8	3
97	The budget of carbon in the farming of the Amazon river prawn and tambaqui fish in earthen pond monoculture and integrated multitrophic systems. *Aquaculture Reports*, **2020**, 17, 100340	2.3	9
96	Achieving sustainable aquaculture: Historical and current perspectives and future needs and challenges. *Journal of the World Aquaculture Society*, **2020**, 51, 578-633	2.5	84
95	Improving production and diet assimilation in fish-prawn integrated aquaculture, using iliophagus species. *Aquaculture*, **2020**, 521, 735048	4.4	10
94	Freshwater Caridean Culture **2020**, 207-232		2
93	Phosphorus in the culture of the Amazon river prawn (Macrobrachium amazonicum) and tambaqui (Colossoma macropomum) farmed in monoculture and in integrated multitrophic systems. *Journal of the World Aquaculture Society*, **2020**, 51, 1002-1023	2.5	14

92	Nitrate acute toxicity to post larvae and juveniles of Macrobrachium amazonicum (Heller, 1862). *Chemosphere*, **2020**, 242, 125229	8.4	6
91	Economic analysis of family trout farming in Southern Brazil. *Aquaculture International*, **2020**, 28, 2111-2120	2.0	2
90	Energy budget and physiology in early ontogenetic stages of the Amazon river prawn?. *Aquaculture Reports*, **2020**, 18, 100446	2.3	1
89	A bioeconomic analysis of the potential of seaweed Hypnea pseudomusciformis farming to different targeted markets. *Aquaculture, Economics and Management*, **2020**, 24, 507-525	3.5	7
88	Technical feasibility of integrating Amazon river prawn culture during the first phase of tambaqui grow-out in stagnant ponds, using nutrient-rich water. *Aquaculture*, **2020**, 516, 734611	4.4	15
87	A simple substrate to produce the tropical epiphytic algae Hypnea pseudomusciformis. *Aquacultural Engineering*, **2020**, 89, 102066	3	7
86	Reproductive cycle of the Amazonian planktivorous catfish Hypophthalmus marginatus (Siluriformes, Pimelodidae). *Aquaculture Research*, **2019**, 50, 3382-3391	1.9	1
85	The budget of nitrogen in the grow-out of the Amazon river prawn (Macrobrachium amazonicum Heller) and tambaqui (Colossoma macropomum Cuvier) farmed in monoculture and in integrated multitrophic aquaculture systems. *Aquaculture Research*, **2019**, 50, 3444-3461	1.9	18
84	The effect of choice of targeted market, production scale, and land tenure on the economics of integrated tilapia-prawn production. *Aquaculture, Economics and Management*, **2019**, 23, 204-217	3.5	7
83	Integrated culture of Nile tilapia and Amazon river prawn in stagnant ponds, using nutrient-rich water and substrates. *Aquaculture*, **2019**, 503, 111-117	4.4	14
82	Opportunities and constraints for developing low-cost aquaculture of seahorses in mangrove estuaries. *Aquaculture*, **2019**, 502, 121-127	4.4	5
81	First insights on the bacterial fingerprints of live seahorse skin mucus and its relevance for traceability. *Aquaculture*, **2018**, 492, 259-264	4.4	2
80	Indicators of sustainability to assess aquaculture systems. *Ecological Indicators*, **2018**, 88, 402-413	5.8	97
79	Chemical Profile of the Sulphated Saponins from the Starfish Luidia senegalensis Collected as by-Catch Fauna in Brazilian Coast. *Natural Products and Bioprospecting*, **2018**, 8, 83-89	4.9	1
78	Can the polyculture with South American catfish improve the feeding efficiency of rainbow trout culture?. *Aquaculture International*, **2018**, 26, 487-493	2.6	2
77	Optimizing packing of live seahorses for shipping. *Aquaculture*, **2018**, 482, 57-64	4.4	8
76	Marine Biotechnology in Brazil: Recent Developments and Its Potential for Innovation. *Frontiers in Marine Science*, **2018**, 5,	4.5	6
75	Economic feasibility of intensification of Macrobrachium rosenbergii hatchery. *Aquaculture Research*, **2018**, 49, 3769-3776	1.9	9

74	Technical and economic feasibility of integrating seahorse culture in shrimp/oyster farms. *Aquaculture Research*, **2017**, 48, 655-664	1.9	11
73	Phosphorus Budget in Integrated Multitrophic Aquaculture Systems with Nile Tilapia,Oreochromis niloticus, and Amazon River Prawn,Macrobrachium amazonicum. *Journal of the World Aquaculture Society*, **2017**, 48, 402-414	2.5	26
72	Nitrogen budget in integrated aquaculture systems with Nile tilapia and Amazon River prawn. *Aquaculture International*, **2017**, 25, 1733-1746	2.6	22
71	Lambari Aquaculture as a Means for the Sustainable Development of Rural Communities in Brazil. *Reviews in Fisheries Science and Aquaculture*, **2017**, 25, 316-330	8.3	21
70	Effects of feeding strategy on larval development of the Amazon River prawn Macrobrachium amazonicum. *Revista Brasileira De Zootecnia*, **2017**, 46, 85-90	1.2	8
69	Seahorse Aquaculture, Biology and Conservation: Knowledge Gaps and Research Opportunities. *Reviews in Fisheries Science and Aquaculture*, **2017**, 25, 100-111	8.3	21
68	Effects of prawn stocking density and feeding management on rice prawn culture. *Aquaculture*, **2016**, 451, 480-487	4.4	10
67	Are There Any Physiological Differences between the Male Morphotypes of the Freshwater Shrimp Macrobrachium Amazonicum () (Caridea: Palaemonidae)?. *Journal of Crustacean Biology*, **2016**, 36, 716-723	0.8	17
66	Intensification of the Giant river prawn Macrobrachium rosenbergii hatchery production. *Aquaculture Research*, **2016**, 47, 3747-3752	1.9	14
65	Sustainability of Nile tilapia net-cage culture in a reservoir in a semi-arid region. *Ecological Indicators*, **2016**, 66, 574-582	5.8	37
64	Successful invasion of the Amazon Coast by the giant river prawn, Macrobrachium rosenbergii: evidence of a reproductively viable population. *Aquatic Invasions*, **2016**, 11, 277-286	2.9	7
63	Effect of Habitat Diversity on Population Development of the Amazon River Prawn. *Journal of Shellfish Research*, **2016**, 35, 1075-1081	1	9
62	Tilapia Macrobrachium Polyculture **2016**, 156-185		
61	Integrated Freshwater Prawn Farming: State-of-the-Art and Future Potential. *Reviews in Fisheries Science and Aquaculture*, **2016**, 24, 264-293	8.3	34
60	Comparing environmental impacts of native and introduced freshwater prawn farming in Brazil and the influence of better effluent management using LCA. *Aquaculture*, **2015**, 444, 151-159	4.4	18
59	Integrated multi-trophic culture of Nile tilapia (Oreochromis niloticus) and Amazon river prawn (Macrobrachium amazonicum) in brackish water. *Arquivo Brasileiro De Medicina Veterinaria E Zootecnia*, **2015**, 67, 265-273	0.3	7
58	Effects of artificial substrate and night-time aeration on the water quality in Macrobrachium amazonicum (Heller 1862) pond culture. *Aquaculture Research*, **2015**, 46, 618-625	1.9	6
57	Zooplankton capturing by Nile Tilapia, Oreochromis niloticus (Teleostei: Cichlidae) throughout post-larval development. *Zoologia*, **2015**, 32, 469-475	2	15

56	Transportation of Amazon river prawn Macrobrachium amazonicum juveniles in different biomass densities. *Aquaculture Research*, **2014**, 45, 1264-1268	1.9	
55	Effect of tank colour on larval performance of the Amazon River prawn Macrobrachium amazonicum. *Aquaculture Research*, **2014**, 45, 1041-1050	1.9	27
54	Emergy assessment of tilapia cage farming in a hydroelectric reservoir. *Ecological Engineering*, **2014** , 68, 72-79	3.9	28
53	Digestive proteases from wild and farmed male morphotypes of the Amazon river prawn (Macrobrachium amazonicum). *Journal of Crustacean Biology*, **2014**, 34, 189-198	0.8	4
52	Effect of Food Shortage on Growth, Energetic Reserves Mobilization, and Water Quality in Juveniles of the Redclaw Crayfish, Cherax Quadricarinatus, Reared in Groups. *Journal of Crustacean Biology*, **2014**, 34, 639-646	0.8	6
51	Ontogenetic Development of Sensory Structures on the Antennules and Antennae of the Giant River PrawnMacrobrachium rosenbergii(De Man). *Journal of Shellfish Research*, **2014**, 33, 833-840	1	
50	Effects of Ambient Nitrite on Amazon River Prawn, Macrobrachium amazonicum , larvae. *Journal of the World Aquaculture Society*, **2014**, 45, 55-64	2.5	6
49	Subcellular localization and kinetic characterization of a gill (Na+, K+)-ATPase from the giant freshwater prawn Macrobrachium rosenbergii. *Journal of Membrane Biology*, **2013**, 246, 529-43	2.3	18
48	Isolation and characterization of SNPs within HSC70 gene in the freshwater prawn Macrobrachium amazonicum. *Conservation Genetics Resources*, **2013**, 5, 631-633	0.8	1
47	Traceability Issues in the Trade of Marine Ornamental Species. *Reviews in Fisheries Science*, **2013**, 21, 98-111		40
46	Effect of Water Exchange and Mechanical Aeration on Grow-out of the Amazon River Prawn in Ponds. *Journal of the World Aquaculture Society*, **2013**, 44, 845-852	2.5	2
45	Chemical composition and fatty acid contents in farmed freshwater prawns. *Pesquisa Agropecuaria Brasileira*, **2013**, 48, 1115-1118	1.8	4
44	Reproductive variability of the Amazon River prawn, Macrobrachium amazonicum (Caridea, Palaemonidae): influence of life cycle on egg production. *Latin American Journal of Aquatic Research*, **2013**, 41, 718-731	1.5	23
43	Effect of polyunsaturated fatty acids on the fecundity of the Amazon river prawn Macrobrachium amazonicum (Heller, 1862). *Aquaculture Research*, **2012**, 43, 1756-1763	1.9	9
42	The Predation ofArtemiaNauplii by the Larvae of the Amazon River Prawn,Macrobrachium amazonicum(Heller, 1862), is Affected by Prey Density, Time of Day, and Ontogenetic Development. *Journal of the World Aquaculture Society*, **2012**, 43, 659-669	2.5	10
41	Kinetic analysis of gill (Na+,K+)-ATPase activity in selected ontogenetic stages of the Amazon River shrimp, Macrobrachium amazonicum (Decapoda, Palaemonidae): interactions at ATP- and cation-binding sites. *Journal of Membrane Biology*, **2012**, 245, 201-15	2.3	20
40	Effect of intermittent feeding on growth in early juveniles of the crayfish Cherax quadricarinatus. *Aquaculture*, **2011**, 319, 98-104	4.4	21
39	The history of the introduction of the giant river prawn, Macrobrachium cf. rosenbergii (Decapoda, Palaemonidae), in Brazil: New insights from molecular data. *Genetics and Molecular Biology*, **2011**, 34, 142-51	2	17

38	Sensory aspects of liquid smoking of giant river prawn: comparison with traditional smoking. *International Journal of Food Science and Technology*, **2011**, 46, 834-839	3.8	2
37	Limnology of Macrobrachium amazonicum grow-out ponds subject to high inflow of nutrient-rich water and different stocking and harvest management. *Aquaculture Research*, **2011**, 42, 1289-1297	1.9	21
36	Ontogenetic Variation in Ammonia Excretion during the Early Life Stages of the Amazon River Prawn,Macrobrachium amazonicum. *Journal of the World Aquaculture Society*, **2010**, 41, 107-115	2.5	7
35	Population structure of pond-raised Macrobrachium amazonicum with different stocking and harvesting strategies. *Aquaculture*, **2010**, 307, 206-211	4.4	16
34	Effect of density on population development in the Amazon River prawn Macrobrachium amazonicum. *Aquatic Biology*, **2010**, 9, 291-301	2	24
33	**2009**,		18
32	Dietary copper absorption and excretion in three semi-terrestrial grapsoid crabs with different levels of terrestrial adaptation. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2008**, 148, 112-6	3.2	2
31	Larval Development of the Giant River Prawn Macrobrachium rosenbergii at Different Ammonia Concentrations and pH Values. *Journal of the World Aquaculture Society*, **2007**, 36, 32-41	2.5	13
30	Effect of Intensification on Grow Out of the Amazon River Prawn, Macrobrachium amazonicum. *Journal of the World Aquaculture Society*, **2007**, 38, 516-526	2.5	43
29	Feeding habit of the Amazon river prawn Macrobrachium amazonicum larvae. *Aquaculture*, **2007**, 265, 187-193	4.4	41
28	Shelf-Life of Tail Meat of the Giant River Prawn,Macrobrachium rosenbergii, Stored on Ice. *Journal of Aquatic Food Product Technology*, **2006**, 15, 57-71	1.6	10
27	Effect of nitrite on larval development of giant river prawn Macrobrachium rosenbergii. *Aquaculture*, **2006**, 261, 1292-1298	4.4	25
26	Exotic species of freshwater decapod crustaceans in the state of São Paulo, Brazil: records and possible causes of their introduction. *Biodiversity and Conservation*, **2005**, 14, 1929-1945	3.4	76
25	Population structure and growth of the hermit crab Pagurus brevidactylus (Anomura: Paguridae) from the northern coast of São Paulo, Brazil. *Journal of the Marine Biological Association of the United Kingdom*, **2005**, 85, 127-128	1.1	24
24	Effects of Nitrate Concentration on Larval Development of the Giant River Prawn, Macrobrachium rosenbergii. *Journal of Applied Aquaculture*, **2004**, 14, 55-69	0.8	14
23	Morphotypes in male Amazon River Prawns, Macrobrachium amazonicum. *Aquaculture*, **2004**, 236, 297-307	4.4	64
22	Ingestion rates of Artemia nauplii for different larval stages of Macrobrachium rosenbergii. *Aquaculture*, **2003**, 217, 223-233	4.4	30
21	Food intake of Macrobrachium rosenbergii during larval development. *Aquaculture*, **2003**, 216, 165-176	4.4	32

20	Crescimento relativo do camarão canela Macrobrachium amazonicum (Heller) (Crustacea, Decapoda, Palaemonidae) em viveiros. *Revista Brasileira De Zoologia*, **2002**, 19, 1169-1176		18
19	Production of Nile Tilapia Oreochromis niloticus and Freshwater Prawn Macrobrachium rosenbergii Stocked at Different Densities in Polyculture Systems in Brazil. *Journal of the World Aquaculture Society*, **2002**, 33, 369-376	2.5	33
18	Contribution of Strontium Ion in Formulation of Artificial Sea Water Used in Larviculture of Giant River Prawn, Macrobrachium rosenbergii. *Journal of Applied Aquaculture*, **2002**, 12, 13-22	0.8	2
17	**2000**,		35
16	Comparison of Artificial and Natural, New and Reused, Brackish Water for the Larviculture of the Freshwater Prawn Macrobrachiurn rosenbergii in a Recirculating System. *Journal of the World Aquaculture Society*, **1998**, 29, 345-350	2.5	29
15	Comportamento alimentar do camarão de agua doce, Macrobrachium rosenbergii (De Man) (Crustacea, Palaemonidae) durante a fase larval: anãlise qualitativa. *Revista Brasileira De Zoologia*, **1997**, 14, 785-793		16
14	Growth Curves for Macrobrachium rosenbergii in Semi-Intensive Culture in Brazil. *Journal of the World Aquaculture Society*, **1996**, 27, 353-358	2.5	22
13	Maturation and growth curves of Macrobrachium Carcinus (Linnaeus) (Crustacea, Decapoda, Palaemonidae) from Ribeira de Iguape River, southern Brazil. *Revista Brasileira De Zoologia*, **1994**, 11, 649-658		13
12	Crescimento relativo de Macrobrachium acanthurus (Wiegmann, 1836) (Crustacea, Decapoda, Palaemonidae). *Revista Brasileira De Zoologia*, **1989**, 6, 1-8		9
11	Culture of the Amazon River Prawn Macrobrachium Amazonicum485-501		2
10	Culture of Other Freshwater Prawn Species502-523		1
9	Sustainability of Freshwater Prawn Culture524-530		1
8	Hatchery Systems and Management55-85		
7	Grow-Out Systems ãMonoculture154-179		0
6	Economics and Management of Freshwater Prawn Culture in Western Hemisphere261-278		5
5	Grow-out Systems - Monoculture157-176		12
4	Sustainability of Freshwater Prawn Culture429-434		10
3	Recirculation Hatchery Systems and Management69-90		13

2	Economic effects of production scale, use of agricultural greenhouses, and integration of tropical aquaculture species when farming in a subtropical climate. *Aquaculture International*,1	2.6	0
1	Prospection of putative genes for digestive enzymes based on functional genome of the hepatopancreas of Amazon river prawn. *Acta Scientiarum - Animal Sciences*,44, e53894	0.3	