Anne A Van Dam

List of Publications by Year
in descending order

57	2,257	186265	223800
papers	citations	28 h-index	46 g-index

59	59	59	2094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluxes and retention of sediment and nutrients in valley bottom fish and rice farms and wetlands: impacts on surface water. Wetlands Ecology and Management, 2022, 30, 273.	1.5	0
2	Agricultural Case Studies. , 2022, , .		0
3	The effect of seasonal flooding and livelihood activities on retention of nitrogen and phosphorus in Cyperus papyrus wetlands, the role of aboveground biomass. Hydrobiologia, 2021, 848, 4135-4152.	2.0	2
4	The Impact of Wastewater Discharge and Agriculture on Water Quality and Nutrient Retention of Namatala Wetland, Eastern Uganda. Frontiers in Environmental Science, 2020, 8, .	3.3	10
5	Modelling nitrogen and phosphorus cycling and retention in Cyperus papyrus dominated natural wetlands. Environmental Modelling and Software, 2019, 122, 104531.	4.5	10
6	Worth of wetlands: revised global monetary values of coastal and inland wetland ecosystem services. Marine and Freshwater Research, 2019, 70, 1189.	1.3	114
7	Modeling water quality in the Anthropocene: directions for the next-generation aquatic ecosystem models. Current Opinion in Environmental Sustainability, 2019, 36, 85-95.	6.3	23
8	Towards a global model for wetlands ecosystem services. Current Opinion in Environmental Sustainability, 2019, 36, 11-19.	6.3	93
9	Effects of conversion of wetlands to rice and fish farming on water quality in valley bottoms of the Migina catchment, southern Rwanda. Ecological Engineering, 2018, 125, 76-86.	3.6	13
10	Papyrus Wetlands. , 2018, , 183-197.		20
11	Effects of agricultural land use on sediment and nutrient retention in valley-bottom wetlands of Migina catchment, southern Rwanda. Journal of Environmental Management, 2018, 219, 103-114.	7.8	24
12	Sustainable Use of Papyrus from Lake Victoria, Kenya. , 2018, , 1113-1124.		0
13	Effects of River Discharge and Land Use and Land Cover (LULC) on Water Quality Dynamics in Migina Catchment, Rwanda. Environmental Management, 2017, 60, 496-512.	2.7	18
14	Papyrus Wetlands. , 2016, , 1-15.		3
15	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. Aquatic Ecology, 2015, 49, 513-548.	1.5	97
16	Towards decision support-based integrated management planning of papyrus wetlands: a case study from Uganda. Wetlands Ecology and Management, 2014, 22, 199-213.	1.5	22
17	A synthesis of past, current and future research for protection and management of papyrus (Cyperus) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	37
18	Effects of water depth and livelihood activities on plant species composition and diversity in Nyando floodplain wetland, Kenya. Wetlands Ecology and Management, 2014, 22, 177-189.	1.5	18

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19	A simulation model for nitrogen cycling in natural rooted papyrus wetlands in East Africa. Wetlands Ecology and Management, 2014, 22, 157-176.	1.5	10
20	Serving many at once: How a database approach can create unity in dynamical ecosystem modelling. Environmental Modelling and Software, 2014, 61, 266-273.	4.5	31
21	Linking Hydrology, Ecosystem Function, and Livelihood Outcomes in African Papyrus Wetlands Using a Bayesian Network Model. Wetlands, 2013, 33, 381-397.	1.5	36
22	A characterization of the drivers, pressures, ecosystem functions and services of Namatala wetland, Uganda. Environmental Science and Policy, 2013, 34, 44-57.	4.9	56
23	Feed intake, growth and metabolism of Nile tilapia (Oreochromis niloticus) in relation to dissolved oxygen concentration. Aquaculture Research, 2012, 43, 730-744.	1.8	38
24	The ecology of livelihoods in East African papyrus wetlands (ECOLIVE). Reviews in Environmental Science and Biotechnology, 2011, 10, 291-300.	8.1	28
25	An agro-ecological evaluation of aquaculture integration into farming systems of the Mekong Delta. Agriculture, Ecosystems and Environment, 2010, 138, 232-241.	5.3	38
26	Challenges and opportunities for integrating lake ecosystem modelling approaches. Aquatic Ecology, 2010, 44, 633-667.	1.5	208
27	Enhancing the fish production potential of Lake Victoria papyrus wetlands, Kenya, using seasonal flood-dependent ponds. Wetlands Ecology and Management, 2010, 18, 471-483.	1.5	7
28	Evaluation of nitrogen cycling and fish production in seasonal ponds (â€˜Fingerpondsâ€™) in Lake Victoria wetlands, East Africa using a dynamic simulation model. Aquaculture Research, 2010, 42, 74-90.	1.8	12
29	Increasing fish production from wetlands at Lake Victoria, Uganda using organically manured seasonal wetland fish ponds. Wetlands Ecology and Management, 2009, 17, 257-277.	1.5	8
30	Effects of oxygen concentration and body weight on maximum feed intake, growth and hematological parameters of Nile tilapia, Oreochromis niloticus. Aquaculture, 2008, 275, 152-162.	3.5	106
31	Effects of dietary starch and energy levels on maximum feed intake, growth and metabolism of Nile tilapia, Oreochromis niloticus. Aquaculture, 2008, 277, 213-219.	3.5	44
32	Environmental impact of seasonal integrated aquaculture ponds ('fingerponds') in the wetlands of Lake Victoria, Kenya: an assessment, with the aid of Bayesian Networks. African Journal of Aquatic Science, 2007, 32, 219-234.	1.1	7
33	Integration of smallholder wetland aquaculture?agriculture systems (fingerponds) into riparian farming systems on the shores of Lake Victoria, Kenya: socio-economics and livelihoods. Geographical Journal, 2007, 173, 257-272.	3.1	29
34	Hydrology and the functioning of seasonal wetland aquacultureâ€“agriculture systems (Fingerponds) at the shores of Lake Victoria, Kenya. Aquacultural Engineering, 2007, 37, 202-214.	3.1	11
35	A simulation model for nitrogen retention in a papyrus wetland near Lake Victoria, Uganda (East) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	45
36	The role of sediments for phosphorus retention in the Kirinya wetland (Uganda). Wetlands Ecology and Management, 2007, 15, 481-488.	1.5	33

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37	Exploring the trophic structure in organically fertilized and feed-driven tilapia culture environments using multivariate analyses. Aquaculture Research, 2006, 37, 151-163.	1.8	17
38	Effect of organic nitrogen and carbon mineralization on sediment organic matter accumulation in fish ponds. Aquaculture Research, 2005, 36, 1001-1014.	1.8	33
39	Effects of bamboo substrate and supplemental feeding on growth and production of hybrid red tilapia fingerlings (Oreochromis mossambicusÃ—Oreochromis niloticus). Aquaculture, 2004, 235, 303-314.	3.5	44
40	Ingestion and utilization of periphyton grown on artificial substrates by Nile tilapia, Oreochromis niloticus L.. Aquaculture Research, 2003, 34, 85-92.	1.8	46
41	The effects of periphyton substrate and fish stocking density on water quality, phytoplankton, periphyton and fish growth. Aquaculture Research, 2003, 34, 685-695.	1.8	53
42	Evaluation of polyculture of Indian major carps in periphyton-based ponds. Aquaculture, 2002, 213, 131-149.	3.5	81
43	The effect of periphyton and supplemental feeding on the production of the indigenous carps Tor khudree and Labeo fimbriatus. Aquaculture, 2002, 213, 207-218.	3.5	58
44	A comparison of fertilization, feeding and three periphyton substrates for increasing fish production in freshwater pond aquaculture in Bangladesh. Aquaculture, 2002, 212, 227-243.	3.5	69
45	The effects of artificial substrates on freshwater pond productivity and water quality and the implications for periphyton-based aquaculture. Aquatic Living Resources, 2002, 15, 231-241.	1.2	62
46	Conceptualization and validation of a dynamic model for the simulation of nitrogen transformations and fluxes in fish ponds. Ecological Modelling, 2002, 147, 123-152.	2.5	42
47	The potential of fish production based on periphyton. Reviews in Fish Biology and Fisheries, 2002, 12, 1-31.	4.9	142
48	Optimization of stocking ratios of two Indian major carps, rohu (Labeo rohita Ham.) and catla (Catla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	39
49	Use of artificial substrates to enhance production of freshwater herbivorous fish in pond culture. Aquaculture Research, 2001, 32, 189-197.	1.8	93
50	The potential of periphyton-based culture of two Indian major carps, rohu Labeo rohita (Hamilton) and gonia Labeo gonius (Linnaeus). Aquaculture Research, 2001, 32, 209-216.	1.8	69
51	Optimization of fertilization rate for maximizing periphyton production on artificial substrates and the implications for periphyton-based aquaculture. Aquaculture Research, 2001, 32, 749-760.	1.8	53
52	Modelling growth ofColossoma macropomum(Cuvier): comparison of an empirical and an explanatory model. Aquaculture Research, 1998, 29, 313-332.	1.8	6
53	Simulation of food and oxygen limitations on the growth of Nile tilapia, Oreochromis niloticus L., in fishponds. Aquaculture Research, 1996, 27, 463-478.	1.8	4
54	Parameterization and calibration of a model to simulate effects of feeding level and feed composition on growth of Oreochromis niloticus (L.) and Oncorhynchus mykiss (Walbaum). Aquaculture Research, 1995, 26, 415-425.	1.8	13

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55	Simulation of the effects of oxygen on food consumption and growth of Nile tilapia, Oreochromis niloticus (L.). Aquaculture Research, 1995, 26, 427-440.	1.8	58
56	Multiple regression analysis of accumulated data from aquaculture experiments: a rice-fish culture example. Aquaculture Research, 1990, 21, 1-15.	1.8	2
57	A dynamic simulation model for growth of the African catfish, Clarias gariepinus (Burchell 1822). Aquaculture, 1987, 60, 55-71.	3.5	21