

Karl E Havens

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

7,450
citations

36
h-index

74
g-index

74
ext. papers

8,625
ext. citations

3.4
avg, IF

5.71
L-index

#	Paper	IF	Citations
71	Ecology. Controlling eutrophication: nitrogen and phosphorus. <i>Science</i> , 2009 , 323, 1014-5	33.3	2331
70	Lake responses to reduced nutrient loading in an analysis of contemporary long-term data from 35 case studies. <i>Freshwater Biology</i> , 2005 , 50, 1747-1771	3.1	868
69	Rapid and highly variable warming of lake surface waters around the globe. <i>Geophysical Research Letters</i> , 2015 , 42, 10,773	4.9	549
68	Allied attack: climate change and eutrophication. <i>Inland Waters</i> , 2011 , 1, 101-105	2.4	405
67	Mitigating cyanobacterial harmful algal blooms in aquatic ecosystems impacted by climate change and anthropogenic nutrients. <i>Harmful Algae</i> , 2016 , 54, 213-222	5.3	318
66	It Takes Two to Tango: When and Where Dual Nutrient (N & P) Reductions Are Needed to Protect Lakes and Downstream Ecosystems. <i>Environmental Science & Technology</i> , 2016 , 50, 10805-10813	10.3	309
65	N:P ratios, light limitation, and cyanobacterial dominance in a subtropical lake impacted by non-point source nutrient pollution. <i>Environmental Pollution</i> , 2003 , 122, 379-90	9.3	264
64	Crustacean zooplankton in lakes and reservoirs of temperate and tropical regions: variation with trophic status. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005 , 62, 348-361	2.4	128
63	Cyanobacteria blooms: effects on aquatic ecosystems. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 619, 733-47	3.6	123
62	Light availability as a possible regulator of cyanobacteria species composition in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998 , 39, 547-556	3.1	114
61	Relationships between phytoplankton dynamics and the availability of light and nutrients in a shallow sub-tropical lake. <i>Journal of Plankton Research</i> , 1997 , 19, 319-342	2.2	94
60	Recovery of submerged plants from high water stress in a large subtropical lake in Florida, USA. <i>Aquatic Botany</i> , 2004 , 78, 67-82	1.8	91
59	Trophic position and individual feeding histories of fish from Lake Okeechobee, Florida. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999 , 56, 590-600	2.4	89
58	Zooplankton community responses to chemical stressors: a comparison of results from acidification and pesticide contamination research. <i>Environmental Pollution</i> , 1993 , 82, 277-88	9.3	80
57	Submerged aquatic vegetation correlations with depth and light attenuating materials in a shallow subtropical lake. <i>Hydrobiologia</i> , 2003 , 493, 173-186	2.4	74
56	Zooplankton-phytoplankton relationships in shallow subtropical versus temperate lakes Apopka (Florida, USA) and Trasimeno (Umbria, Italy). <i>Hydrobiologia</i> , 2009 , 628, 165-175	2.4	70
55	Comparative analysis of nutrients, chlorophyll and transparency in two large shallow lakes (Lake Taihu, P.R. China and Lake Okeechobee, USA). <i>Hydrobiologia</i> , 2009 , 627, 211-231	2.4	68

54	Nutrient-chlorophyll-Secchi relationships under contrasting grazer communities of temperate versus subtropical lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1998 , 55, 1652-1662	2.4	66
53	Simple Graphical Methods for the Interpretation of Relationships Between Trophic State Variables. <i>Lake and Reservoir Management</i> , 2005 , 21, 107-118	1.3	62
52	Extreme Weather Events and Climate Variability Provide a Lens to How Shallow Lakes May Respond to Climate Change. <i>Water (Switzerland)</i> , 2016 , 8, 229	3	55
51	Hurricane effects on a shallow lake ecosystem and its response to a controlled manipulation of water level. <i>Scientific World Journal, The</i> , 2001 , 1, 44-70	2.2	54
50	Climate Change at a Crossroad for Control of Harmful Algal Blooms. <i>Environmental Science & Technology</i> , 2015 , 49, 12605-6	10.3	52
49	Composition, size, and biomass of zooplankton in large productive Florida lakes. <i>Hydrobiologia</i> , 2011 , 668, 49-60	2.4	49
48	Development of a Total Phosphorus Concentration Goal in the TMDL Process for Lake Okeechobee, Florida (USA). <i>Lake and Reservoir Management</i> , 2002 , 18, 227-238	1.3	48
47	Mitigating eutrophication and toxic cyanobacterial blooms in large lakes: The evolution of a dual nutrient (N and P) reduction paradigm. <i>Hydrobiologia</i> , 2020 , 847, 4359-4375	2.4	48
46	Experimental studies of zooplankton-phytoplankton-nutrient interactions in a large subtropical lake (Lake Okeechobee, Florida, U.S.A.). <i>Freshwater Biology</i> , 1996 , 36, 579-597	3.1	46
45	Dynamics of cyanobacteria blooms are linked to the hydrology of shallow Florida lakes and provide insight into possible impacts of climate change. <i>Hydrobiologia</i> , 2019 , 829, 43-59	2.4	41
44	Phosphorus dynamics at multiple time scales in the pelagic zone of a large shallow lake in Florida, USA. <i>Hydrobiologia</i> , 2007 , 581, 25-42	2.4	40
43	Mitigating a global expansion of toxic cyanobacterial blooms: confounding effects and challenges posed by climate change. <i>Marine and Freshwater Research</i> , 2020 , 71, 579	2.2	40
42	Aquatic vegetation and largemouth bass population responses to water-level variations in Lake Okeechobee, Florida (USA). <i>Hydrobiologia</i> , 2005 , 539, 225-237	2.4	39
41	How important is bacterial carbon to planktonic grazers in a turbid, subtropical lake?. <i>Journal of Plankton Research</i> , 2005 , 27, 357-372	2.2	39
40	Lake Okeechobee conceptual ecological model. <i>Wetlands</i> , 2005 , 25, 908-925	1.7	37
39	Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics. <i>Hydrobiologia</i> , 2015 , 743, 27-35	2.4	36
38	Extreme weather events influence the phytoplankton community structure in a large lowland subtropical lake (Lake Okeechobee, Florida, USA). <i>Hydrobiologia</i> , 2013 , 709, 213-226	2.4	36
37	Phosphorus kinetics of planktonic and benthic assemblages in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998 , 40, 729-745	3.1	36

36	Dynamics of the exotic <i>Daphnia lumholtzii</i> and native macro-zooplankton in a subtropical chain-of-lakes in Florida, U.S.A.. <i>Freshwater Biology</i> , 2000 , 45, 21-32	3.1	36
35	Seasonal and spatial variation in zooplankton community structure and their relation to possible controlling variables in Lake Okeechobee. <i>Freshwater Biology</i> , 1996 , 36, 45-56	3.1	35
34	Experimental studies on the recovery potential of submerged aquatic vegetation after flooding and desiccation in a large subtropical lake. <i>Aquatic Botany</i> , 2003 , 77, 135-151	1.8	33
33	A review of littoral vegetation, fisheries, and wildlife responses to hydrologic variation at Lake Okeechobee. <i>Wetlands</i> , 2007 , 27, 110-126	1.7	32
32	Phosphorus kinetics of planktonic and benthic assemblages in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998 , 40, 729-745	3.1	32
31	The restoration of Lake Apopka in relation to alternative stable states: an alternative view to that of Bachmann et al. (1999). <i>Hydrobiologia</i> , 2001 , 448, 11-18	2.4	29
30	The influence of environmental variables and a managed water recession on the growth of charophytes in a large, subtropical lake. <i>Aquatic Botany</i> , 2002 , 72, 297-313	1.8	27
29	Seasonal and spatial variation in nutrient limitation in a shallow sub-tropical lake (Lake Okeechobee, Florida) as evidenced by trophic state index deviations. <i>Archiv Für Hydrobiologie</i> , 1994 , 131, 39-53		27
28	Ecological responses of a large shallow lake (Okeechobee, Florida) to climate change and potential future hydrologic regimes. <i>Environmental Management</i> , 2015 , 55, 763-75	3.1	26
27	Carbon dynamics in the grazing food chain of a subtropical lake. <i>Journal of Plankton Research</i> , 1997 , 19, 1687-1711	2.2	25
26	Acidification Effects on the Algal-Zooplankton Interface. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992 , 49, 2507-2514	2.4	24
25	Water Levels and Total Phosphorus in Lake Okeechobee. <i>Lake and Reservoir Management</i> , 1997 , 13, 16-25	3	22
24	Zooplankton to phytoplankton biomass ratios in shallow Florida lakes: an evaluation of seasonality and hypotheses about factors controlling variability. <i>Hydrobiologia</i> , 2013 , 703, 177-187	2.4	21
23	Inter-lake comparisons indicate that fish predation, rather than high temperature, is the major driver of summer decline in <i>Daphnia</i> and other changes among cladoceran zooplankton in subtropical Florida lakes. <i>Hydrobiologia</i> , 2015 , 750, 57-67	2.4	21
22	Toward predicting climate change effects on lakes: a comparison of 1656 shallow lakes from Florida and Denmark reveals substantial differences in nutrient dynamics, metabolism, trophic structure, and top-down control. <i>Inland Waters</i> , 2020 , 10, 197-211	2.4	18
21	Contrasting Relationships Between Nutrients, Chlorophyll a and Secchi Transparency in Two Shallow Subtropical Lakes: Lakes Okeechobee and Apopka (Florida, USA). <i>Lake and Reservoir Management</i> , 1999 , 15, 298-309	1.3	18
20	Plankton biomass partitioning in a eutrophic subtropical lake: comparison with results from temperate lake ecosystems. <i>Journal of Plankton Research</i> , 2007 , 29, 1087-1097	2.2	17
19	Zooplankton response to extreme drought in a large subtropical lake. <i>Hydrobiologia</i> , 2007 , 589, 187-198	2.4	17

18	Large-scale mapping and predictive modeling of submerged aquatic vegetation in a shallow eutrophic lake. <i>Scientific World Journal, The</i> , 2002 , 2, 949-65	2.2	17
17	Predicting ecological responses of the Florida Everglades to possible future climate scenarios: introduction. <i>Environmental Management</i> , 2015 , 55, 741-8	3.1	16
16	The Managed Recession of Lake Okeechobee, Florida: Integrating Science and Natural Resource Management. <i>Ecology and Society</i> , 2002 , 6,		16
15	Effects of climate variability on cladoceran zooplankton and cyanobacteria in a shallow subtropical lake. <i>Journal of Plankton Research</i> , 2016 , 38, 418-430	2.2	15
14	Localized Changes in Transparency Linked to Mud Sediment Expansion in Lake Okeechobee, Florida: Ecological and Management Implications. <i>Lake and Reservoir Management</i> , 1999 , 15, 54-69	1.3	13
13	Multiyear oscillations in depth affect water quality in Lake Apopka. <i>Inland Waters</i> , 2018 , 8, 1-9	2.4	12
12	Comparative analysis of Lake Periphyton communities using high performance liquid chromatography (HPLC) and light microscope counts. <i>Aquatic Sciences</i> , 1999 , 61, 307	2.5	12
11	Recovery of plankton from hurricane impacts in a large shallow lake. <i>Freshwater Biology</i> , 2018 , 63, 366-379		10
10	Water Quality Trends in Shallow South Florida Lakes and Assessment of Regional Versus Local Forcing Functions. <i>Critical Reviews in Environmental Science and Technology</i> , 2011 , 41, 576-607	11.1	10
9	Body size versus taxonomy in relating zooplankton to water quality in lakes. <i>Inland Waters</i> , 2011 , 1, 107-112	1.1	9
8	Lake Eutrophication and Plankton Food Webs 2014 , 73-80		7
7	Development and Application of Hydrologic Restoration Goals for a Large Subtropical Lake. <i>Lake and Reservoir Management</i> , 2002 , 18, 285-292	1.3	7
6	Response of Zooplankton to Climate Variability: Droughts Create a Perfect Storm for Cladocerans in Shallow Eutrophic Lakes. <i>Water (Switzerland)</i> , 2017 , 9, 764	3	4
5	Plankton food web responses to experimental nutrient additions in a subtropical lake. <i>Scientific World Journal, The</i> , 2006 , 6, 827-33	2.2	4
4	Periods of Extreme Shallow Depth Hinder but Do Not Stop Long-Term Improvements of Water Quality in Lake Apopka, Florida (USA). <i>Water (Switzerland)</i> , 2019 , 11, 538	3	3
3	Revisiting the total maximum daily load total phosphorus goal in Lake Okeechobee. <i>Hydrobiologia</i> , 2020 , 847, 4221-4232	2.4	3
2	Predicting impacts of an invading copepod by ecological assessment in the animal's native range. <i>Inland Waters</i> , 2014 , 4, 49-56	2.4	2
1	Inferences about seston composition and phytoplankton limiting factors during recovery of a large shallow lake from hurricane impacts. <i>Inland Waters</i> , 2017 , 7, 236-247	2.4	1

