

Karl E Havens

List of Publications by Year in descending order

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71
papers

9,731
citations

100601

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docs citations

74
times ranked

11219
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.7	63
2	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.	1.0	100
3	Revisiting the total maximum daily load total phosphorus goal in Lake Okeechobee. <i>Hydrobiologia</i> , 2020, 847, 4221-4232.	1.0	5
4	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.	1.1	38
5	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.	1.2	6
6	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.	1.0	59
7	Recovery of plankton from hurricane impacts in a large shallow lake. <i>Freshwater Biology</i> , 2018, 63, 366-379.	1.2	17
8	Multiyear oscillations in depth affect water quality in Lake Apopka. <i>Inland Waters</i> , 2018, 8, 1-9.	1.1	17
9	Ecological Responses of Lakes to Climate Change. <i>Water (Switzerland)</i> , 2018, 10, 917.	1.2	38
10	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.	1.1	1
11	Response of Zooplankton to Climate Variability: Droughts Create a Perfect Storm for Cladocerans in Shallow Eutrophic Lakes. <i>Water (Switzerland)</i> , 2017, 9, 764.	1.2	7
12	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.	1.2	73
13	Mitigating cyanobacterial harmful algal blooms in aquatic ecosystems impacted by climate change and anthropogenic nutrients. <i>Harmful Algae</i> , 2016, 54, 213-222.	2.2	453
14	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.	4.6	483
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.	0.8	22
16	Rapid and highly variable warming of lake surface waters around the globe. <i>Geophysical Research Letters</i> , 2015, 42, 10,773.	1.5	767
17	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.	1.0	24
18	Predicting Ecological Responses of the Florida Everglades to Possible Future Climate Scenarios: Introduction. <i>Environmental Management</i> , 2015, 55, 741-748.	1.2	18

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19	Climate Change at a Crossroad for Control of Harmful Algal Blooms. <i>Environmental Science & Technology</i> , 2015, 49, 12605-12606.	4.6	75
20	Ecological Responses of a Large Shallow Lake (Okeechobee, Florida) to Climate Change and Potential Future Hydrologic Regimes. <i>Environmental Management</i> , 2015, 55, 763-775.	1.2	44
21	Temperature effects on body size of freshwater crustacean zooplankton from Greenland to the tropics. <i>Hydrobiologia</i> , 2015, 743, 27-35.	1.0	53
22	Predicting impacts of an invading copepod by ecological assessment in the animal's native range. <i>Inland Waters</i> , 2014, 4, 49-56.	1.1	3
23	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.	1.0	25
24	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.	1.0	47
25	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.	6.6	11
26	Body size versus taxonomy in relating zooplankton to water quality in lakes. <i>Inland Waters</i> , 2011, 1, 107-112.	1.1	13
27	Allied attack: climate change and eutrophication. <i>Inland Waters</i> , 2011, 1, 101-105.	1.1	548
28	Composition, size, and biomass of zooplankton in large productive Florida lakes. <i>Hydrobiologia</i> , 2011, 668, 49-60.	1.0	56
29	Comparative analysis of nutrients, chlorophyll and transparency in two large shallow lakes (Lake Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	81
30	Zooplankton-phytoplankton relationships in shallow subtropical versus temperate lakes Apopka (Florida, USA) and Trasimeno (Umbria, Italy). <i>Hydrobiologia</i> , 2009, 628, 165-175.	1.0	77
31	Controlling Eutrophication: Nitrogen and Phosphorus. <i>Science</i> , 2009, 323, 1014-1015.	6.0	2,998
32	Cyanobacteria blooms: effects on aquatic ecosystems. <i>Advances in Experimental Medicine and Biology</i> , 2008, 619, 733-747.	0.8	176
33	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.	0.8	19
34	A review of littoral vegetation, fisheries, and wildlife responses to hydrologic variation at Lake Okeechobee. <i>Wetlands</i> , 2007, 27, 110-126.	0.7	39
35	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.	1.0	56
36	Zooplankton response to extreme drought in a large subtropical lake. <i>Hydrobiologia</i> , 2007, 589, 187-198.	1.0	24

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37	Plankton Food Web Responses to Experimental Nutrient Additions in a Subtropical Lake. Scientific World Journal, The, 2006, 6, 827-833.	0.8	5
38	Lake Okeechobee conceptual ecological model. Wetlands, 2005, 25, 908-925.	0.7	43
39	Lake responses to reduced nutrient loading - an analysis of contemporary long-term data from 35 case studies. Freshwater Biology, 2005, 50, 1747-1771.	1.2	1,080
40	Aquatic vegetation and largemouth bass population responses to water-level variations in Lake Okeechobee, Florida (USA). Hydrobiologia, 2005, 539, 225-237.	1.0	50
41	How important is bacterial carbon to planktonic grazers in a turbid, subtropical lake?. Journal of Plankton Research, 2005, 27, 357-372.	0.8	46
42	Simple Graphical Methods for the Interpretation of Relationships Between Trophic State Variables. Lake and Reservoir Management, 2005, 21, 107-118.	0.4	85
43	Crustacean zooplankton in lakes and reservoirs of temperate and tropical regions: variation with trophic status. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 348-361.	0.7	155
44	Recovery of submerged plants from high water stress in a large subtropical lake in Florida, USA. Aquatic Botany, 2004, 78, 67-82.	0.8	108
45	Title is missing!. Hydrobiologia, 2003, 493, 173-186.	1.0	87
46	N:P ratios, light limitation, and cyanobacterial dominance in a subtropical lake impacted by non-point source nutrient pollution. Environmental Pollution, 2003, 122, 379-390.	3.7	330
47	Experimental studies on the recovery potential of submerged aquatic vegetation after flooding and desiccation in a large subtropical lake. Aquatic Botany, 2003, 77, 135-151.	0.8	40
48	Development of a Total Phosphorus Concentration Goal in the TMDL Process for Lake Okeechobee, Florida (USA). Lake and Reservoir Management, 2002, 18, 227-238.	0.4	57
49	Development and Application of Hydrologic Restoration Goals for a Large Subtropical Lake. Lake and Reservoir Management, 2002, 18, 285-292.	0.4	10
50	The influence of environmental variables and a managed water recession on the growth of charophytes in a large, subtropical lake. Aquatic Botany, 2002, 72, 297-313.	0.8	31
51	Large-Scale Mapping and Predictive Modeling of Submerged Aquatic Vegetation in a Shallow Eutrophic Lake. Scientific World Journal, The, 2002, 2, 949-965.	0.8	21
52	The Managed Recession of Lake Okeechobee, Florida: Integrating Science and Natural Resource Management. Ecology and Society, 2002, 6, .	0.9	22
53	Hurricane Effects on a Shallow Lake Ecosystem and Its Response to a Controlled Manipulation of Water Level. Scientific World Journal, The, 2001, 1, 44-70.	0.8	65
54	Title is missing!. Hydrobiologia, 2001, 448, 11-18.	1.0	36

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55	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.	1.2	45
56	Contrasting Relationships Between Nutrients, Chlorophyll and Secchi Transparency in Two Shallow Subtropical Lakes: Lakes Okeechobee and Apopka (Florida, USA). <i>Lake and Reservoir Management</i> , 1999, 15, 298-309.	0.4	23
57	Comparative analysis of Lake Periphyton communities using high performance liquid chromatography (HPLC) and light microscope counts. <i>Aquatic Sciences</i> , 1999, 61, 307.	0.6	17
58	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.	0.7	111
59	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.	0.4	20
60	Light availability as a possible regulator of cyanobacteria species composition in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998, 39, 547-556.	1.2	139
61	Phosphorus kinetics of planktonic and benthic assemblages in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998, 40, 729-745.	1.2	43
62	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.	0.7	75
63	Phosphorus kinetics of planktonic and benthic assemblages in a shallow subtropical lake. <i>Freshwater Biology</i> , 1998, 40, 729-745.	1.2	33
64	Water Levels and Total Phosphorus in Lake Okeechobee. <i>Lake and Reservoir Management</i> , 1997, 13, 16-25.	0.4	22
65	Carbon dynamics in the "grazing food chain" of a subtropical lake. <i>Journal of Plankton Research</i> , 1997, 19, 1687-1711.	0.8	27
66	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.	0.8	107
67	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.	1.2	39
68	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.	1.2	50
69	Seasonal and spatial variation in nutrient limitation in a shallow sub-tropical lake (Lake Okeechobee, Florida, U.S.A.). <i>Freshwater Biology</i> , 1996, 36, 579-597.	1.1	36
70	Zooplankton community responses to chemical stressors: A comparison of results from acidification and pesticide contamination research. <i>Environmental Pollution</i> , 1993, 82, 277-288.	3.7	91
71	Acidification Effects on the Algal-Zooplankton Interface. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 2507-2514.	0.7	32