

# Vera L Trainer

## List of Publications by Year in descending order

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58  
papers

5,384  
citations

126907

33  
h-index

138484

58  
g-index

59  
all docs

59  
docs citations

59  
times ranked

5078  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving landings forecasts using environmental covariates: A case study on the Indian oil sardine ( <i>Sardinella longiceps</i> ). <i>Fisheries Oceanography</i> , 2021, 30, 623-642.	1.7	5
2	Pelagic harmful algal blooms and climate change: Lessons from nature's experiments with extremes. <i>Harmful Algae</i> , 2020, 91, 101591.	4.8	164
3	Future HAB science: Directions and challenges in a changing climate. <i>Harmful Algae</i> , 2020, 91, 101632.	4.8	223
4	Temporal and spatial distribution of <i>Azadinium</i> species in the inland and coastal waters of the Pacific northwest in 2014-2018. <i>Harmful Algae</i> , 2020, 98, 101874.	4.8	9
5	The effect of temperature and salinity on growth rate and azaspiracid cell quotas in two strains of <i>Azadinium poporum</i> (Dinophyceae) from Puget Sound, Washington State. <i>Harmful Algae</i> , 2019, 89, 101665.	4.8	7
6	Better Regional Ocean Observing Through Cross-National Cooperation: A Case Study From the Northeast Pacific. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	12
7	Dynamics of seagrass bed microbial communities in artificial <i>Chattonella</i> blooms: A laboratory microcosm study. <i>Harmful Algae</i> , 2019, 84, 139-150.	4.8	17
8	Characterization of oceanic <i>Noctiluca</i> blooms not associated with hypoxia in the Northeastern Arabian Sea. <i>Harmful Algae</i> , 2018, 74, 46-57.	4.8	43
9	GlobalHAB: Fostering International Coordination on Harmful Algal Bloom Research in Aquatic Systems. <i>Ecological Studies</i> , 2018, , 425-447.	1.2	7
10	The successional formation and release of domoic acid in a <i>Pseudo-nitzschia</i> bloom in the Juan de Fuca Eddy: A drifter study. <i>Harmful Algae</i> , 2018, 79, 105-114.	4.8	14
11	Climatic regulation of the neurotoxin domoic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 239-244.	7.1	133
12	Microsatellite Markers for Population Genetic Applications in the Domoic Acid-producing Diatom <i>Pseudo-nitzschia australis</i> Frenguelli (Bacillariophyceae). <i>Protist</i> , 2017, 168, 197-205.	1.5	3
13	Identification of <i>Azadinium</i> species and a new azaspiracid from <i>Azadinium poporum</i> in Puget Sound, Washington State, USA. <i>Harmful Algae</i> , 2017, 68, 152-167.	4.8	50
14	Algicidal and growth-inhibiting bacteria associated with seagrass and macroalgae beds in Puget Sound, WA, USA. <i>Harmful Algae</i> , 2017, 62, 136-147.	4.8	48
15	GlobalHAB: A New Program to Promote International Research, Observations, and Modeling of Harmful Algal Blooms in Aquatic Systems. <i>Oceanography</i> , 2017, 30, 70-81.	1.0	21
16	The effects of salinity on the cellular permeability and cytotoxicity of <i>Heterosigma akashiwo</i> . <i>Journal of Phycology</i> , 2016, 52, 745-760.	2.3	11
17	Perception of risk for domoic acid related health problems: A cross-cultural study. <i>Harmful Algae</i> , 2016, 57, 39-44.	4.8	16
18	Assessment of sodium channel mutations in Makah tribal members of the U.S. Pacific Northwest as a potential mechanism of resistance to paralytic shellfish poisoning. <i>Harmful Algae</i> , 2016, 57, 26-34.	4.8	6

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19	Case diagnosis and characterization of suspected paralytic shellfish poisoning in Alaska. <i>Harmful Algae</i> , 2016, 57, 45-50.	4.8	24
20	The association between razor clam consumption and memory in the CoASTAL cohort. <i>Harmful Algae</i> , 2016, 57, 20-25.	4.8	52
21	An unprecedented coastwide toxic algal bloom linked to anomalous ocean conditions. <i>Geophysical Research Letters</i> , 2016, 43, 10366-10376.	4.0	400
22	Environmental dynamics of red <i>Noctiluca scintillans</i> bloom in tropical coastal waters. <i>Marine Pollution Bulletin</i> , 2016, 111, 277-286.	5.0	52
23	Effects of temperature and salinity on the growth of <i>Alexandrium</i> ( <i>Dinophyceae</i> ) isolates from the Salish Sea. <i>Journal of Phycology</i> , 2016, 52, 230-238.	2.3	34
24	Environmental influences on the seasonal distribution of <i>Vibrio parahaemolyticus</i> in the Pacific Northwest of the USA. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv121.	2.7	42
25	Diarrhetic Shellfish Toxins in Primorsky Krai, Russia. <i>Journal of Shellfish Research</i> , 2015, 34, 1151-1160.	0.9	8
26	Harmful algal blooms and climate change: Learning from the past and present to forecast the future. <i>Harmful Algae</i> , 2015, 49, 68-93.	4.8	555
27	Enhancing Shellfish Safety in Alaska through Monitoring of Harmful Algae and Their Toxins. <i>Journal of Shellfish Research</i> , 2014, 33, 531-539.	0.9	16
28	In Situ Strain-Level Detection and Identification of <i>Vibrio parahaemolyticus</i> Using Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 2630-2637.	6.5	38
29	A springtime source of toxic <i>Pseudo-nitzschia</i> cells on razor clam beaches in the Pacific Northwest. <i>Harmful Algae</i> , 2013, 25, 1-14.	4.8	25
30	Diarrhetic Shellfish Toxins and Other Lipophilic Toxins of Human Health Concern in Washington State. <i>Marine Drugs</i> , 2013, 11, 1815-1835.	4.6	132
31	Screening Tests for the Rapid Detection of Diarrhetic Shellfish Toxins in Washington State. <i>Marine Drugs</i> , 2013, 11, 3718-3734.	4.6	25
32	Cooperation of Science and Management for Harmful Algal Blooms: Domoic Acid and the Washington Coast Razor Clam Fishery. <i>Coastal Management</i> , 2012, 40, 33-54.	2.0	20
33	<i>Pseudo-nitzschia</i> physiological ecology, phylogeny, toxicity, monitoring and impacts on ecosystem health. <i>Harmful Algae</i> , 2012, 14, 271-300.	4.8	429
34	Remote sampling of harmful algal blooms: A case study on the Washington State coast. <i>Harmful Algae</i> , 2012, 19, 39-45.	4.8	12
35	Harmful algal blooms along the North American west coast region: History, trends, causes, and impacts. <i>Harmful Algae</i> , 2012, 19, 133-159.	4.8	254
36	CRYPTIC AND PSEUDO-CRYPTIC DIVERSITY IN DIATOMS WITH DESCRIPTIONS OF <i>PSEUDO-NITZSCHIA HASLEANA</i> SP. NOV. AND <i>P. FRYXELLIANA</i> SP. NOV. <sup>1</sup> . <i>Journal of Phycology</i> , 2012, 48, 436-454.	2.3	120

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37	MASS SEXUAL REPRODUCTION IN THE TOXIGENIC DIATOMS PSEUDO-NITZSCHIA AUSTRALIS AND P. PUNGENS (BACILLARIOPHYCEAE) ON THE WASHINGTON COAST, USA. <i>Journal of Phycology</i> , 2010, 46, 41-52.	2.3	56
38	Iron enrichment stimulates toxic diatom production in high-nitrate, low-chlorophyll areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5887-5892.	7.1	104
39	The relative influences of El Niño Southern Oscillation and Pacific Decadal Oscillation on paralytic shellfish toxin accumulation in northwest Pacific shellfish. <i>Limnology and Oceanography</i> , 2010, 55, 2262-2274.	3.1	39
40	Integrated Ocean Observing System in Support of Forecasting Harmful Algal Blooms. <i>Marine Technology Society Journal</i> , 2010, 44, 99-121.	0.4	28
41	An ecological study of a massive bloom of toxigenic <i>Pseudo-nitzschia cuspidata</i> off the Washington State coast. <i>Limnology and Oceanography</i> , 2009, 54, 1461-1474.	3.1	67
42	GENETIC POPULATION STRUCTURE OF <i>PSEUDO-NITZSCHIA PUNGENS</i> (BACILLARIOPHYCEAE) FROM THE PACIFIC NORTHWEST AND THE NORTH SEA. <i>Journal of Phycology</i> , 2009, 45, 1037-1045.	2.3	23
43	Recent trends in paralytic shellfish toxins in Puget Sound, relationships to climate, and capacity for prediction of toxic events. <i>Harmful Algae</i> , 2009, 8, 463-477.	4.8	92
44	Variability of <i>Pseudo-nitzschia</i> and domoic acid in the Juan de Fuca eddy region and its adjacent shelves. <i>Limnology and Oceanography</i> , 2009, 54, 289-308.	3.1	76
45	Characterization of Intracellular and Extracellular Saxitoxin Levels in Both Field and Cultured <i>Alexandrium</i> spp. Samples from Sequim Bay, Washington. <i>Marine Drugs</i> , 2008, 6, 103-116.	4.6	21
46	Impacts of climate variability and future climate change on harmful algal blooms and human health. <i>Environmental Health</i> , 2008, 7, S4.	4.0	320
47	Centers for Oceans and Human Health: a unified approach to the challenge of harmful algal blooms. <i>Environmental Health</i> , 2008, 7, S2.	4.0	50
48	Harmful algal blooms and eutrophication: Examining linkages from selected coastal regions of the United States. <i>Harmful Algae</i> , 2008, 8, 39-53.	4.8	530
49	Rapid Enzyme-linked Immunosorbent Assay for Detection of the Algal Toxin Domoic Acid. <i>Journal of Shellfish Research</i> , 2008, 27, 1301-1310.	0.9	39
50	Intrinsic growth and microzooplankton grazing on toxigenic <i>Pseudo-nitzschia</i> spp. diatoms from the coastal northeast Pacific. <i>Limnology and Oceanography</i> , 2008, 53, 1352-1368.	3.1	24
51	Detection of the toxin domoic acid from clam extracts using a portable surface plasmon resonance biosensor. <i>Harmful Algae</i> , 2007, 6, 166-174.	4.8	89
52	Recent domoic acid closures of shellfish harvest areas in Washington State inland waterways. <i>Harmful Algae</i> , 2007, 6, 449-459.	4.8	101
53	Development of coastal upwelling edge detection algorithms associated with harmful algal blooms off the Washington coast using sea surface temperature imagery. , 2005, , .		2
54	Domoic acid: The synergy of iron, copper, and the toxicity of diatoms. <i>Limnology and Oceanography</i> , 2005, 50, 1908-1917.	3.1	165

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55	Sodium channel mutation leading to saxitoxin resistance in clams increases risk of PSP. <i>Nature</i> , 2005, 434, 763-767.	27.8	271
56	Dissolved saxitoxin causes transient inhibition of sensorimotor function in larval Pacific herring ( <i>Clupea harengus pallasii</i> ). <i>Marine Biology</i> , 2005, 147, 1393-1402.	1.5	58
57	Monitoring Approaches for Early Warning of Domoic Acid Events in Washington State. <i>Oceanography</i> , 2005, 18, 228-237.	1.0	58
58	Harmful Algal Blooms in Coastal Upwelling Systems. <i>Oceanography</i> , 2005, 18, 184-197.	1.0	142