

# Shari A Yvon-Lewis

## List of Publications by Year in descending order

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45  
papers

2,695  
citations

186265  
28  
h-index

233421  
45  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propane Respiration Jump-Starts Microbial Response to a Deep Oil Spill. <i>Science</i> , 2010, 330, 208-211.	12.6	444
2	A Persistent Oxygen Anomaly Reveals the Fate of Spilled Methane in the Deep Gulf of Mexico. <i>Science</i> , 2011, 331, 312-315.	12.6	420
3	Oceanic distributions and emissions of short-lived halocarbons. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	4.9	173
4	Global sea-to-air flux climatology for bromoform, dibromomethane and methyl iodide. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8915-8934.	4.9	131
5	Ozone observations and a model of marine boundary layer photochemistry during SAGA 3. <i>Journal of Geophysical Research</i> , 1993, 98, 16955-16968.	3.3	113
6	Enhanced transfer of terrestrially derived carbon to the atmosphere in a flooding event. <i>Geophysical Research Letters</i> , 2013, 40, 116-122.	4.0	101
7	Positive priming of terrestrially derived dissolved organic matter in a freshwater microcosm system. <i>Geophysical Research Letters</i> , 2015, 42, 5460-5467.	4.0	100
8	The potential effect of oceanic biological degradation on the lifetime of atmospheric CH <sub>3</sub> Br. <i>Geophysical Research Letters</i> , 1997, 24, 1227-1230.	4.0	73
9	Latitudinal distribution of reactive iodine in the Eastern Pacific and its link to open ocean sources. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11609-11617.	4.9	68
10	Atmospheric sulfur cycling in the tropical Pacific marine boundary layer (12°S, 135°W): A comparison of field data and model results: 1. Dimethylsulfide. <i>Journal of Geophysical Research</i> , 1996, 101, 6899-6909.	3.3	67
11	Deepwater Horizon Oil in Gulf of Mexico Waters after 2 Years: Transformation into the Dissolved Organic Matter Pool. <i>Environmental Science &amp; Technology</i> , 2014, 48, 9288-9297.	10.0	65
12	An improved estimate of the oceanic lifetime of atmospheric CH <sub>3</sub> Br. <i>Geophysical Research Letters</i> , 1996, 23, 53-56.	4.0	64
13	Recent trends in atmospheric methyl bromide: analysis of post-Montreal Protocol variability. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5963-5974.	4.9	63
14	Undersaturation of CH <sub>3</sub> Br in the Southern Ocean. <i>Geophysical Research Letters</i> , 1997, 24, 171-172.	4.0	54
15	Responses of the dinoflagellate <i>Karenia brevis</i> to climate change: pCO <sub>2</sub> and sea surface temperatures. <i>Harmful Algae</i> , 2014, 37, 110-116.	4.8	54
16	Effect of oceanic uptake on atmospheric lifetimes of selected trace gases. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 1-1.	3.3	53
17	Methane flux to the atmosphere from the Deepwater Horizon oil disaster. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	50
18	Interaction between nitrogen and sulfur cycles in the polluted marine boundary layer. <i>Journal of Geophysical Research</i> , 1996, 101, 1379-1386.	3.3	43

#	ARTICLE	IF	CITATIONS
19	Implications of methyl bromide supersaturations in the temperate North Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2000, 105, 19763-19769.	3.3	39
20	CHBr <sub>3</sub> , CH <sub>2</sub> Br <sub>2</sub> , and CHClBr <sub>2</sub> in U.S. coastal waters during the Gulf of Mexico and East Coast Carbon cruise. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
21	Methyl bromide in preindustrial air: Measurements from an Antarctic ice core. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	35
22	Coastal emissions of methyl bromide and methyl chloride along the eastern Gulf of Mexico and the east coast of the United States. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	34
23	Spatial and temporal distributions of bromoform and dibromomethane in the Atlantic Ocean and their relationship with photosynthetic biomass. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3950-3965.	2.6	34
24	Dissolved Organic Matter Composition Drives the Marine Production of Brominated Very Short-Lived Substances. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3366-3374.	10.0	34
25	Saturation anomalies of alkyl nitrates in the tropical Pacific Ocean. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	33
26	Atmospheric sulfur cycling in the tropical Pacific marine boundary layer (12°S, 135°W): A comparison of field data and model results: 2. Sulfur dioxide. <i>Journal of Geophysical Research</i> , 1996, 101, 6911-6918.	3.3	30
27	Predicting oceanic methyl bromide saturation from SST. <i>Geophysical Research Letters</i> , 2002, 29, 52-1-52-4.	4.0	30
28	Methane fluxes to the atmosphere from deepwater hydrocarbon seeps in the northern Gulf of Mexico. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
29	Biological degradation of methyl chloride in coastal seawater. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	4.9	25
30	Methyl bromide and methyl chloride in the Southern Ocean. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	24
31	An improved oceanic budget for methyl chloride. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 715-725.	2.6	23
32	Dissolved methane and carbon dioxide fluxes in Subarctic and Arctic regions: Assessing measurement techniques and spatial gradients. <i>Earth and Planetary Science Letters</i> , 2016, 436, 43-55.	4.4	23
33	Low-level atmospheric sulfur dioxide measurement using HPLC/fluorescence detection. <i>Journal of Atmospheric Chemistry</i> , 1993, 17, 73-90.	3.2	17
34	Alkyl nitrate (C1-C3) depth profiles in the tropical Pacific Ocean. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	17
35	High Resolution Measurements of Methane and Carbon Dioxide in Surface Waters over a Natural Seep Reveal Dynamics of Dissolved Phase Air–Sea Flux. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10165-10173.	10.0	15
36	Spatial distribution of brominated very short-lived substances in the eastern Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2318-2328.	2.6	14

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37	A comprehensive estimate for loss of atmospheric carbon tetrachloride ( $\text{CCl}_4$ ) to the ocean. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10899-10910.	4.9	14
38	Atmospheric hydrogen sulfide over the equatorial Pacific (SAGA 3). <i>Journal of Geophysical Research</i> , 1993, 98, 16979-16983.	3.3	11
39	The ocean in near equilibrium with atmospheric methyl bromide. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	10
40	Methyl bromide cycling in a warm-core eddy of the North Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2002, 16, 88-1-88-6.	4.9	8
41	Science, engineering, and technology in the policy process for mitigating natural-societal risk. <i>System Dynamics Review</i> , 2011, 27, 173-194.	1.9	5
42	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15741-15754.	4.9	5
43	Age Constraints on Gulf of Mexico Deep Water Ventilation as Determined by $^{14}\text{C}$ Measurements. <i>Radiocarbon</i> , 2018, 60, 75-90.	1.8	5
44	Microbial Abundance and Diversity in Subsurface Lower Oceanic Crust at Atlantis Bank, Southwest Indian Ridge. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0151921.	3.1	5
45	A Post-Phaseout Retrospective Reassessment of the Global Methyl Bromide Budget. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	3