

Kara Lavender

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4932551/publications.pdf>

Version: 2024-02-01

25
papers

24,782
citations

361413

20
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

17600
citing authors

#	ARTICLE	IF	CITATIONS
1	Production, use, and fate of all plastics ever made. <i>Science Advances</i> , 2017, 3, e1700782.	10.3	9,020
2	Plastic waste inputs from land into the ocean. <i>Science</i> , 2015, 347, 768-771.	12.6	7,686
3	Predicted growth in plastic waste exceeds efforts to mitigate plastic pollution. <i>Science</i> , 2020, 369, 1515-1518.	12.6	1,330
4	A global inventory of small floating plastic debris. <i>Environmental Research Letters</i> , 2015, 10, 124006.	5.2	1,113
5	Plastic Accumulation in the North Atlantic Subtropical Gyre. <i>Science</i> , 2010, 329, 1185-1188.	12.6	1,024
6	Microplastics in the seas. <i>Science</i> , 2014, 345, 144-145.	12.6	1,005
7	Plastics in the Marine Environment. <i>Annual Review of Marine Science</i> , 2017, 9, 205-229.	11.6	662
8	The size, mass, and composition of plastic debris in the western North Atlantic Ocean. <i>Marine Pollution Bulletin</i> , 2010, 60, 1873-1878.	5.0	544
9	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020, 15, 023003.	5.2	469
10	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set. <i>Environmental Science & Technology</i> , 2014, 48, 4732-4738.	10.0	382
11	Plastics in the Earth system. <i>Science</i> , 2021, 373, 51-55.	12.6	290
12	The United States's contribution of plastic waste to land and ocean. <i>Science Advances</i> , 2020, 6, .	10.3	261
13	Seabirds, gyres and global trends in plastic pollution. <i>Environmental Pollution</i> , 2015, 203, 89-96.	7.5	223
14	Toward the Integrated Marine Debris Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	178
15	Reducing environmental plastic pollution by designing polymer materials for managed end-of-life. <i>Nature Reviews Materials</i> , 2022, 7, 104-116.	48.7	163
16	Observations of the Labrador Sea eddy field. <i>Progress in Oceanography</i> , 2003, 59, 75-176.	3.2	162
17	Bridging barriers to advance global sustainability. <i>Nature Sustainability</i> , 2018, 1, 324-326.	23.7	64
18	Spreading of Labrador sea water: an advective-diffusive study based on Lagrangian data. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 701-719.	1.4	63

#	ARTICLE	IF	CITATIONS
19	Abundance of Floating Plastic Particles Is Increasing in the Western North Atlantic Ocean. Environmental Science & Technology, 2020, 54, 790-796.	10.0	63
20	Application of Matrix Scoring Techniques to evaluate marine debris sources in the remote islands of the Azores Archipelago. Environmental Pollution, 2019, 249, 666-675.	7.5	33
21	Accelerated degradation of low-density polyethylene in air and in sea water. Science of the Total Environment, 2022, 811, 151368.	8.0	25
22	Variability of the directly observed, middepth subpolar North Atlantic circulation. Geophysical Research Letters, 2016, 43, 2700-2708.	4.0	16
23	Understanding sources, sinks, and transport of marine debris. Eos, 2011, 92, 235-235.	0.1	3
24	Relative exposure to microplastics and prey for a pelagic forage fish. Environmental Research Letters, 2022, 17, 064038.	5.2	3
25	Afloat in the field. , 2012, , .		0