

Helen K White

List of Publications by Year in descending order

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36
papers

1,675
citations

430874

18
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the <i>Deepwater Horizon</i> oil spill on a deep-water coral community in the Gulf of Mexico. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20303-20308.	7.1	335
2	The West Falmouth Oil Spill after Thirty Years:Â The Persistence of Petroleum Hydrocarbons in Marsh Sediments. Environmental Science & Technology, 2002, 36, 4754-4760.	10.0	282
3	Partial Photochemical Oxidation Was a Dominant Fate of <i>Deepwater Horizon</i> Surface Oil. Environmental Science & Technology, 2018, 52, 1797-1805.	10.0	94
4	Long-Term Persistence of Dispersants following the Deepwater Horizon Oil Spill. Environmental Science and Technology Letters, 2014, 1, 295-299.	8.7	93
5	Determination of Microbial Carbon Sources in Petroleum Contaminated Sediments Using Molecular ¹⁴ C Analysis. Environmental Science & Technology, 2005, 39, 2552-2558.	10.0	70
6	Sustainable energy from deep ocean cold seeps. Energy and Environmental Science, 2008, 1, 584.	30.8	70
7	Coral Communities as Indicators of Ecosystem-Level Impacts of the Deepwater Horizon Spill. BioScience, 2014, 64, 796-807.	4.9	68
8	Substrate Degradation Kinetics, Microbial Diversity, and Current Efficiency of Microbial Fuel Cells Supplied with Marine Plankton. Applied and Environmental Microbiology, 2007, 73, 7029-7040.	3.1	67
9	Rapid Identification of Marine Plastic Debris via Spectroscopic Techniques and Machine Learning Classifiers. Environmental Science & Technology, 2020, 54, 10630-10637.	10.0	67
10	Quantitative population dynamics of microbial communities in plankton-fed microbial fuel cells. ISME Journal, 2009, 3, 635-646.	9.8	56
11	Reply to Boehm and Carragher: Multiple lines of evidence link deep-water coral damage to <i>Deepwater Horizon</i> oil spill. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, .	7.1	52
12	The first decade of scientific insights from the Deepwater Horizon oil release. Nature Reviews Earth & Environment, 2020, 1, 237-250.	29.7	52
13	Abundance, Composition, and Vertical Transport of PAHs in Marsh Sediments. Environmental Science & Technology, 2005, 39, 8273-8280.	10.0	51
14	Isotopic Constraints on the Fate of Petroleum Residues Sequestered in Salt Marsh Sediments. Environmental Science & Technology, 2005, 39, 2545-2551.	10.0	39
15	Long-term weathering and continued oxidation of oil residues from the Deepwater Horizon spill. Marine Pollution Bulletin, 2016, 113, 380-386.	5.0	39
16	Unresolved Complex Mixture (UCM) in Coastal Environments Is Derived from Fossil Sources. Environmental Science & Technology, 2013, 47, 726-731.	10.0	36
17	Examining the diversity of microbes in a deep-sea coral community impacted by the Deepwater Horizon oil spill. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 129, 157-166.	1.4	32
18	Applications of comprehensive two-dimensional gas chromatography (GCÂ—ÂGC) inÂstudying the source, transport, andÂfate of petroleum hydrocarbons inÂthe environment. , 2016, , 399-448.		20

#	ARTICLE	IF	CITATIONS
19	Radiocarbon-Based Assessment of Fossil Fuel-Derived Contaminant Associations in Sediments. <i>Environmental Science & Technology</i> , 2008, 42, 5428-5434.	10.0	19
20	New solid acids in the triple-layer Dionâ€“Jacobson layered perovskite family. <i>Materials Research Bulletin</i> , 2011, 46, 398-406.	5.2	15
21	Honey bee (<i>Apis mellifera</i>) exposomes and dysregulated metabolic pathways associated with <i>Nosema ceranae</i> infection. <i>PLoS ONE</i> , 2019, 14, e0213249.	2.5	15
22	Deepâ€“sea coral $\delta^{13}\text{C}$: A tool to reconstruct the difference between seawater pH and $\delta^{11}\text{B}$ -derived calcifying fluid pH. <i>Geophysical Research Letters</i> , 2016, 43, 299-308.	4.0	14
23	Gas chromatography â€“ Mass spectrometry as a preferred method for quantification of insect hemolymph sugars. <i>Journal of Insect Physiology</i> , 2020, 127, 104115.	2.0	13
24	Examining Inputs of Biogenic and Oil-Derived Hydrocarbons in Surface Waters Following the Deepwater Horizon Oil Spill. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1329-1337.	2.7	12
25	Chemical characterization of natural and anthropogenic-derived oil residues on Gulf of Mexico beaches. <i>Marine Pollution Bulletin</i> , 2018, 137, 501-508.	5.0	11
26	Relationships between carbon isotopic composition and mode of binding of natural organic matter in selected marine sediments. <i>Organic Geochemistry</i> , 2007, 38, 1824-1837.	1.8	9
27	Appetite is correlated with octopamine and hemolymph sugar levels in forager honeybees. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2019, 205, 609-617.	1.6	9
28	Rapid Identification of <i>Deepwater Horizon</i> Oil Residues Using X-ray Fluorescence. <i>Environmental Science and Technology Letters</i> , 2019, 6, 34-37.	8.7	7
29	Silicone Wristbands as Passive Samplers in Honey Bee Hives. <i>Veterinary Sciences</i> , 2020, 7, 86.	1.7	6
30	Probing the Chemical Transformation of Seawater-Soluble Crude Oil Components during Microbial Oxidation. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 690-701.	2.7	5
31	Quantum cascade laser-based reflectance spectroscopy: a robust approach for the classification of plastic type. <i>Optics Express</i> , 2020, 28, 17741.	3.4	5
32	Identification of persistent oil residues in Prince William Sound, Alaska using rapid spectroscopic techniques. <i>Marine Pollution Bulletin</i> , 2020, 161, 111718.	5.0	4
33	Response to Comment on â€œThe West Falmouth Oil Spill after Thirty Years:â€“ The Persistence of Petroleum Hydrocarbons in Marsh Sedimentsâ€“, <i>Environmental Science & Technology</i> , 2003, 37, 2021-2021.	10.0	2
34	Marsh plants mediate the influence of nitrogen fertilization on degradation of oil from the Deepwater Horizon spill. <i>Ecosphere</i> , 2015, 6, art126.	2.2	2
35	Pelagic tar balls collected in the North Atlantic Ocean and Caribbean Sea from 1988 to 2016 have natural and anthropogenic origins. <i>Marine Pollution Bulletin</i> , 2018, 137, 352-359.	5.0	2
36	Hurricane Isaac brings more than oil ashore: Characteristics of beach deposits following the Deepwater Horizon spill. <i>PLoS ONE</i> , 2019, 14, e0213464.	2.5	2