

# Will A Overholt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3783060/publications.pdf>

Version: 2024-02-01

25  
papers

2,068  
citations

471509

17  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3073  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Hydrocarbon-Degrading Bacteria and the Bacterial Community Response in Gulf of Mexico Beach Sands Impacted by the Deepwater Horizon Oil Spill. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7962-7974.                       | 3.1  | 779       |
| 2  | Denitrifying Bacteria from the Genus <i>Rhodanobacter</i> Dominate Bacterial Communities in the Highly Contaminated Subsurface of a Nuclear Legacy Waste Site. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1039-1047.       | 3.1  | 184       |
| 3  | Microbial community successional patterns in beach sands impacted by the Deepwater Horizon oil spill. <i>ISME Journal</i> , 2015, 9, 1928-1940.   | 9.8  | 155       |
| 4  | <i>Rhodanobacter denitrificans</i> sp. nov., isolated from nitrate-rich zones of a contaminated aquifer. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2457-2462.                                  | 1.7  | 135       |
| 5  | Sedimentation Pulse in the NE Gulf of Mexico following the 2010 DWH Blowout. <i>PLoS ONE</i> , 2015, 10, e0132341.  | 2.5  | 126       |
| 6  | A Limited Microbial Consortium Is Responsible for Extended Bioreduction of Uranium in a Contaminated Aquifer. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5955-5965.  | 3.1  | 108       |
| 7  | Temperature response of denitrification and anaerobic ammonium oxidation rates and microbial community structure in Arctic fjord sediments. <i>Environmental Microbiology</i> , 2014, 16, 3331-3344.                                      | 3.8  | 84        |
| 8  | Responses of Microbial Communities to Hydrocarbon Exposures. <i>Oceanography</i> , 2016, 29, 136-149.   | 1.0  | 59        |
| 9  | Hydrocarbon-Degrading Bacteria Exhibit a Species-Specific Response to Dispersed Oil while Moderating Ecotoxicity. <i>Applied and Environmental Microbiology</i> , 2016, 82, 518-527.  | 3.1  | 48        |
| 10 | “ <i>Candidatus</i> <i>Macondimonas diazotrophica</i> ”, a novel gammaproteobacterial genus dominating crude-oil-contaminated coastal sediments. <i>ISME Journal</i> , 2019, 13, 2129-2134.   | 9.8  | 46        |
| 11 | Inclusion of Oxford Nanopore long reads improves all microbial and viral metagenome-assembled genomes from a complex aquifer system. <i>Environmental Microbiology</i> , 2020, 22, 4000-4013.   | 3.8  | 42        |
| 12 | Degradation of Deepwater Horizon oil buried in a Florida beach influenced by tidal pumping. <i>Marine Pollution Bulletin</i> , 2018, 126, 488-500.  | 5.0  | 40        |
| 13 | The economical lifestyle of CPR bacteria in groundwater allows little preference for environmental drivers. <i>Environmental Microbiomes</i> , 2021, 16, 24.  | 5.0  | 36        |
| 14 | Anaerobic degradation of hexadecane and phenanthrene coupled to sulfate reduction by enriched consortia from northern Gulf of Mexico seafloor sediment. <i>Scientific Reports</i> , 2019, 9, 1239.  | 3.3  | 31        |
| 15 | Carbon fixation rates in groundwater similar to those in oligotrophic marine systems. <i>Nature Geoscience</i> , 2022, 15, 561-567.   | 12.9 | 28        |
| 16 | Deep Characterization of the Microbiomes of <i>Calophya</i> spp. (Hemiptera: Calophyidae) Gall-Inducing Psyllids Reveals the Absence of Plant Pathogenic Bacteria and Three Dominant Endosymbionts. <i>PLoS ONE</i> , 2015, 10, e0132248. | 2.5  | 22        |
| 17 | Draft Genome Sequences for Oil-Degrading Bacterial Strains from Beach Sands Impacted by the Deepwater Horizon Oil Spill. <i>Genome Announcements</i> , 2013, 1, .   | 0.8  | 21        |
| 18 | Bolstering fitness via CO <sub>2</sub> fixation and organic carbon uptake: mixotrophs in modern groundwater. <i>ISME Journal</i> , 2022, 16, 1153-1162.   | 9.8  | 21        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | <i>Calophya latiforceps</i> , a New Species of Jumping Plant Lice (Hemiptera: Calophyidae) Associated with <i>Schinus terebinthifolius</i> (Anacardiaceae) in Brazil. <i>Florida Entomologist</i> , 2011, 94, 489-499.              | 0.5  | 17        |
| 20 | Microbial and Geochemical Assessment of Bauxitic Un-mined and Post-mined Chronosequence Soils from Mocho Mountains, Jamaica. <i>Microbial Ecology</i> , 2012, 64, 738-749.  | 2.8  | 17        |
| 21 | Watershed-Scale Fungal Community Characterization along a pH Gradient in a Subsurface Environment Cocontaminated with Uranium and Nitrate. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1810-1820.                     | 3.1  | 15        |
| 22 | The core seafloor microbiome in the Gulf of Mexico is remarkably consistent and shows evidence of recovery from disturbance caused by major oil spills. <i>Environmental Microbiology</i> , 2019, 21, 4316-4329.                    | 3.8  | 11        |
| 23 | Integrated Omics Elucidate the Mechanisms Driving the Rapid Biodegradation of Deepwater Horizon Oil in Intertidal Sediments Undergoing Oxidic-Anoxic Cycles. <i>Environmental Science &amp; Technology</i> , 2020, 54, 10088-10099. | 10.0 | 11        |
| 24 | Biodegradation of Petroleum Hydrocarbons in the Deep Sea. , 2020, , 107-124.  |      | 10        |
| 25 | Effects of Reversal of Water Flow in an Arctic Floodplain River on Fluvial Emissions of CO <sub>2</sub> and CH <sub>4</sub> . <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, e2021JG006485.                  | 3.0  | 9         |