

Barbara A Beckingham

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,492
citations

471509

17
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2148
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Wastewater treatment plants as a source of microplastics to an urban estuary: Removal efficiencies and loading per capita over one year. <i>Water Research</i> X, 2019, 3, 100030. | 6.1 | 273 |
| 2 | Magnetite impregnation effects on the sorbent properties of activated carbons and biochars. <i>Water Research</i> , 2015, 70, 394-403. | 11.3 | 160 |
| 3 | Evaluation of Biochars and Activated Carbons for In Situ Remediation Of Sediments Impacted With Organics, Mercury, And Methylmercury. <i>Environmental Science & Technology</i> , 2013, 47, 13721-13729. | 10.0 | 138 |
| 4 | Turbidity as a proxy for total suspended solids (TSS) and particle facilitated pollutant transport in catchments. <i>Environmental Earth Sciences</i> , 2013, 69, 373-380. | 2.7 | 128 |
| 5 | Comparison of Sedimentary PAHs in the Rivers of Ammer (Germany) and Liangtan (China): Differences between Early- and Newly-Industrialized Countries. <i>Environmental Science & Technology</i> , 2013, 47, 701-709. | 10.0 | 107 |
| 6 | Field-Scale Reduction of PCB Bioavailability with Activated Carbon Amendment to River Sediments. <i>Environmental Science & Technology</i> , 2011, 45, 10567-10574. | 10.0 | 98 |
| 7 | Biological Responses to Activated Carbon Amendments in Sediment Remediation. <i>Environmental Science & Technology</i> , 2013, 47, 7595-7607. | 10.0 | 83 |
| 8 | Respiratory Succession and Community Succession of Bacterioplankton in Seasonally Anoxic Estuarine Waters. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6802-6810. | 3.1 | 76 |
| 9 | Microplastic and tire wear particle occurrence in fishes from an urban estuary: Influence of feeding characteristics on exposure risk. <i>Marine Pollution Bulletin</i> , 2020, 160, 111539. | 5.0 | 73 |
| 10 | Sorption of Organic Compounds to Fresh and Field-Aged Activated Carbons in Soils and Sediments. <i>Environmental Science & Technology</i> , 2012, 46, 810-817. | 10.0 | 65 |
| 11 | Integrated monitoring of particle associated transport of PAHs in contrasting catchments. <i>Environmental Pollution</i> , 2013, 172, 155-162. | 7.5 | 59 |
| 12 | Microplastic exposure to zooplankton at tidal fronts in Charleston Harbor, SC USA. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 232, 106510. | 2.1 | 38 |
| 13 | First report from North America of microplastics in the gastrointestinal tract of stranded bottlenose dolphins (<i>Tursiops truncatus</i>). <i>Marine Pollution Bulletin</i> , 2020, 160, 111677. | 5.0 | 36 |
| 14 | Urinary Phthalate Metabolites in Common Bottlenose Dolphins (<i>Tursiops</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (trunca | 4.0 | 24 |
| 15 | Observations of limited secondary effects to benthic invertebrates and macrophytes with activated carbon amendment in river sediments. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1504-1515. | 4.3 | 22 |
| 16 | Smart growth and the septic tank: Wastewater treatment and growth management in the Baltimore region. <i>Land Use Policy</i> , 2012, 29, 483-492. | 5.6 | 19 |
| 17 | Stormwater Ponds in the Southeastern U.S. Coastal Plain: Hydrogeology, Contaminant Fate, and the Need for a Social-Ecological Framework. <i>Frontiers in Environmental Science</i> , 2019, 7, . | 3.3 | 19 |
| 18 | Comparison of field and laboratory exposures of <i>Lumbriculus variegatus</i> to polychlorinated biphenylâ€ impacted river sediments. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2851-2858. | 4.3 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Modeling long-term uptake and re-volatilization of semi-volatile organic compounds (SVOCs) across the soil-atmosphere interface. <i>Science of the Total Environment</i> , 2015, 538, 789-801. | 8.0 | 14 |
| 20 | Impact of trophic levels on partitioning and bioaccumulation of polycyclic aromatic hydrocarbons in particulate organic matter and plankton. <i>Marine Pollution Bulletin</i> , 2020, 160, 111527. | 5.0 | 14 |
| 21 | Modeling short-term concentration fluctuations of semi-volatile pollutants in the soil-plant-atmosphere system. <i>Science of the Total Environment</i> , 2016, 569-570, 159-167. | 8.0 | 11 |
| 22 | A characterization of personal care product use among undergraduate female college students in South Carolina, USA. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 97-106. | 3.9 | 10 |
| 23 | Toxicity comparison of the shoreline cleaners Accell Clean® and PES-51® in two life stages of the grass shrimp, <i>Palaemonetes pugio</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 10926-10936. | 5.3 | 3 |
| 24 | Phthalate exposure among U.S. college-aged women: Biomonitoring in an undergraduate student cohort (2016-2017) and trends from the National Health and Examination Survey (NHANES, 2005-2016). <i>PLoS ONE</i> , 2022, 17, e0263578. | 2.5 | 3 |
| 25 | Unique calibration of passive air sampling for field monitoring of PAHs with polyethylene thin films across seasons and locations. <i>Environmental Science Atmospheres</i> , 2021, 1, 253-266. | 2.4 | 2 |
| 26 | Polycyclic Aromatic Hydrocarbons and Suspended Materials in a Semi-urbanized Tidal Creek after an Historic Flood Event and Implications for Water Quality Monitoring. <i>The Journal of South Carolina Water Resources</i> , 2017, , 3-11. | 0.7 | 1 |
| 27 | REVIEW OF THE SOURCES, FATE AND TRANSPORT OF CONTAMINANTS IN ENGINEERED STORMWATER STRUCTURES. , 2017, , . | | 0 |
| 28 | DEMONSTRATION OF AN AUGMENTED REALITY SANDBOX TO VISUALIZE EARTH SYSTEMS. , 2017, , . | | 0 |