

# David G Buck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6259845/publications.pdf>

Version: 2024-02-01

17  
papers

524  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

959  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                              | IF  | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Evaluating the effectiveness of the Minamata Convention on Mercury: Principles and recommendations for next steps. <i>Science of the Total Environment</i> , 2016, 569-570, 888-903.                                                                                                 | 8.0 | 101       |
| 2  | Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghanaâ€”Part 2: Natural Sciences Review. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 8971-9011.                                                                           | 2.6 | 87        |
| 3  | Climate change in lowland Central America during the late deglacial and early Holocene. <i>Journal of Quaternary Science</i> , 2005, 20, 363-376.                                                                                                                                    | 2.1 | 78        |
| 4  | Mercury in tropical and subtropical coastal environments. <i>Environmental Research</i> , 2012, 119, 88-100.                                                                                                                                                                         | 7.5 | 59        |
| 5  | Assessment of mercury exposure among small-scale gold miners using mercury stable isotopes. <i>Environmental Research</i> , 2015, 137, 226-234.                                                                                                                                      | 7.5 | 45        |
| 6  | A global-scale assessment of fish mercury concentrations and the identification of biological hotspots. <i>Science of the Total Environment</i> , 2019, 687, 956-966.                                                                                                                | 8.0 | 37        |
| 7  | A review of mercury concentrations in freshwater fishes of Africa: Patterns and predictors. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 215-223.                                                                                                                       | 4.3 | 24        |
| 8  | Economic implications of mercury exposure in the context of the global mercury treaty: Hair mercury levels and estimated lost economic productivity in selected developing countries. <i>Journal of Environmental Management</i> , 2016, 183, 229-235.                               | 7.8 | 24        |
| 9  | Whole-basin, mass-balance approach for identifying critical phosphorus-loading thresholds in shallow lakes. <i>Journal of Paleolimnology</i> , 2014, 51, 515-528.                                                                                                                    | 1.6 | 19        |
| 10 | Effects of habitat on mercury concentrations in fish: a case study of Nile perch ( <i>Lates niloticus</i> ) in Lake Nabugabo, Uganda. <i>Ecotoxicology</i> , 2016, 25, 178-191.                                                                                                      | 2.4 | 10        |
| 11 | Thermal stratification, mixing, and heat budgets of Florida lakes. <i>Fundamental and Applied Limnology</i> , 2009, 174, 283-293.                                                                                                                                                    | 0.7 | 8         |
| 12 | Physical and chemical properties of hypersaline Lago Enriquillo, Dominican Republic. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 725-731.             | 0.1 | 7         |
| 13 | Trophic shifts in a native predator following the introduction of a top predator in a tropical lake. <i>Biological Invasions</i> , 2020, 22, 643-661.                                                                                                                                | 2.4 | 7         |
| 14 | Seasonal Fluxes of Dissolved Nutrients in Streams of Catchments Dominated by Swidden Agriculture in the Maya Forest of Belize, Central America. <i>Water (Switzerland)</i> , 2019, 11, 664.                                                                                          | 2.7 | 6         |
| 15 | Post-colonial pollution of the Bay of Cartagena, Colombia. <i>Journal of Paleolimnology</i> , 2020, 63, 21-35.                                                                                                                                                                       | 1.6 | 5         |
| 16 | Landscape Drivers and Social Dynamics Shaping Microbial Contamination Risk in Three Maya Communities in Southern Belize, Central America. <i>Water (Switzerland)</i> , 2018, 10, 1678.                                                                                               | 2.7 | 4         |
| 17 | Radium-226 accumulation in sediments of a groundwater-augmented lake near Tampa, Florida, USA. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006, 29, 1275-1279. | 0.1 | 3         |