# Eric G Booth

List of Publications by Year
in descending order



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|---|---|---|---|
| 29 papers | 1,163 citations | 394390 19 h-index | 454934 30 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 1994 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Changing forest water yields in response to climate warming: results from longâ€term experimental watershed sites across North America. Global Change Biology, 2014, 20, 3191-3208. | 9.5 | 147 |
| 2 | Untangling the effects of shallow groundwater and soil texture as drivers of subfieldâ€scale yield variability. Water Resources Research, 2015, 51, 6338-6358. | 4.2 | 91 |
| 3 | Environmental outcomes of the US Renewable Fuel Standard. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 7.1 | 86 |
| 4 | Extreme precipitation and phosphorus loads from two agricultural watersheds. Limnology and Oceanography, 2018, 63, 1221-1233. | 3.1 | 84 |
| 5 | Understanding relationships among ecosystem services across spatial scales and over time. Environmental Research Letters, 2018, 13, 054020. | 5.2 | 76 |
| 6 | Plausible futures of a social-ecological system: Yahara watershed, Wisconsin, USA. Ecology and Society, 2015, 20, . | 2.3 | 70 |
| 7 | Extreme daily loads: role in annual phosphorus input to a north temperate lake. Aquatic Sciences, 2015, 77, 71-79. | 1.5 | 63 |
| 8 | The Influence of Legacy P on Lake Water Quality in a Midwestern Agricultural Watershed. Ecosystems, 2017, 20, 1468-1482. | 3.4 | 60 |
| 9 | Effects of changing channel morphology on vegetation, groundwater, and soil moisture regimes in groundwater-dependent ecosystems. Geomorphology, 2011, 126, 364-376. | 2.6 | 56 |
| 10 | From qualitative to quantitative environmental scenarios: Translating storylines into biophysical modeling inputs at the watershed scale. Environmental Modelling and Software, 2016, 85, 80-97. | 4.5 | 44 |
| 11 | Nonlinear groundwater influence on biophysical indicators of ecosystem services. Nature Sustainability, 2019, 2, 475-483. | 23.7 | 42 |
| 12 | Perenniality and diversity drive output stability and resilience in a 26-year cropping systems experiment. Field Crops Research, 2021, 263, 108071. | 5.1 | 39 |
| 13 | Shifting drivers and static baselines in environmental governance: challenges for improving and proving water quality outcomes. Regional Environmental Change, 2016, 16, 759-775. | 2.9 | 35 |
| 14 | Scenarios reveal pathways to sustain future ecosystem services in an agricultural landscape. Ecological Applications, 2018, 28, 119-134. | 3.8 | 34 |
| 15 | The synergistic effect of manure supply and extreme precipitation on surface water quality. Environmental Research Letters, 2018, 13, 044016. | 5.2 | 32 |
| 16 | Continuous separation of land use and climate effects on the past and future water balance. Journal of Hydrology, 2018, 565, 106-122. | 5.4 | 30 |
| 17 | Effects of evapotranspiration partitioning, plant water stress response and topsoil removal on the soil moisture regime of a floodplain wetland: implications for restoration. Hydrological Processes, 2010, 24, 2934-2946. | 2.6 | 28 |
| 18 | Hydroecological model predictions indicate wetter and more diverse soil water regimes and vegetation types following floodplain restoration. Journal of Geophysical Research, 2012, 117, . | 3.3 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Is groundwater recharge always serving us well? Water supply provisioning, crop production, and flood attenuation in conflict in Wisconsin, USA. Ecosystem Services, 2016, 21, 153-165. | 5.4 | 25 |
| 20 | Comparing the effects of climate and land use on surface water quality using future watershed scenarios. Science of the Total Environment, 2019, 693, 133484. | 8.0 | 20 |
| 21 | Comparing surface effective saturation and depthâ€toâ€waterâ€level as predictors of plant composition in a restored riparian wetland. Ecohydrology, 2012, 5, 637-647. | 2.4 | 18 |
| 22 | Spatial and temporal variability of future ecosystem services in an agricultural landscape. Landscape Ecology, 2020, 35, 2569-2586. | 4.2 | 17 |
| 23 | Combining Evapotranspiration and Soil Apparent Electrical Conductivity Mapping to Identify Potential Precision Irrigation Benefits. Remote Sensing, 2019, 11, 2460. | 4.0 | 9 |
| 24 | Impacts of groundwater extraction on calcareous fen floristic quality. Journal of Environmental Quality, 2020, 49, 723-734. | 2.0 | 7 |
| 25 | Dynamic ice formation in channels as a driver for streamâ€aquifer interactions. Geophysical Research Letters, 2013, 40, 3408-3412. | 4.0 | 6 |
| 26 | Agricultural Landscape Transformation Needed to Meet Water Quality Goals in the Yahara River Watershed of Southern Wisconsin. Ecosystems, 2022, 25, 507-525. | 3.4 | 5 |
| 27 | Management of minimum lake levels and impacts on flood mitigation: A case study of the Yahara Watershed, Wisconsin, USA. Journal of Hydrology, 2019, 577, 123920. | 5.4 | 4 |
| 28 | Data inaccessibility at subâ€county scale limits implementation of manuresheds. Journal of Environmental Quality, 2022, 51, 614-621. | 2.0 | 4 |
| 29 | A Qâ€method survey of stream restoration practitioners in the Driftless Area, <scp>USA</scp>. River Research and Applications, 2022, 38, 1090-1100. | 1.7 | 3 |