# Brenden E Mcneil

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3672107/publications.pdf

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| 27 | 1,063 | 516681 16 | 552766 26 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 2634 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spectroscopic determination of leaf morphological and biochemical traits for northern temperate and boreal tree species. Ecological Applications, 2014, 24, 1651-1669. | 3.8 | 273 |
| 2 | Changes in the extent of surface mining and reclamation in the Central Appalachians detected using a 1976â€“2006 Landsat time series. Remote Sensing of Environment, 2009, 113, 62-72. | 11.0 | 211 |
| 3 | Isotopic evidence for oligotrophication of terrestrial ecosystems. Nature Ecology and Evolution, 2018, 2, 1735-1744. | 7.8 | 138 |
| 4 | Altered plant carbon partitioning enhanced forest ecosystem carbon storage after 25 years of nitrogen additions. New Phytologist, 2021, 230, 1435-1448. | 7.3 | 51 |
| 5 | Does spatial resolution matter? A multi-scale comparison of object-based and pixel-based methods for detecting change associated with gas well drilling operations. International Journal of Remote Sensing, 2013, 34, 1633-1651. | 2.9 | 48 |
| 6 | Foliar Nitrogen Responses to Elevated Atmospheric Nitrogen Deposition in Nine Temperate Forest Canopy Species. Environmental Science & Technology, 2007, 41, 5191-5197. | 10.0 | 46 |
| 7 | Is the growth of temperate forest trees enhanced along an ambient nitrogen deposition gradient?. Ecology, 2009, 90, 1736-1742. | 3.2 | 41 |
| 8 | Application of multidimensional structural characterization to detect and describe moderate forest disturbance. Ecosphere, 2020, 11, e03156. | 2.2 | 32 |
| 9 | Discriminating tree species at different taxonomic levels using multi-temporal WorldView-3 imagery in Washington D.C., USA. Remote Sensing of Environment, 2020, 246, 111811. | 11.0 | 32 |
| 10 | Foliar Nitrogen Responses to the Environmental Gradient Matrix of the Adirondack Park, New York. Annals of the American Association of Geographers, 2012, 102, 1-16. | 3.0 | 24 |
| 11 | GIS and biogeochemical models for examining the legacy of forest disturbance in the Adirondack Park, NY, USA. Ecological Modelling, 2006, 195, 281-295. | 2.5 | 23 |
| 12 | A Framework to Assess Biogeochemical Response to Ecosystem Disturbance Using Nutrient Partitioning Ratios. Ecosystems, 2016, 19, 387-395. | 3.4 | 22 |
| 13 | Validation of a remote sensing based index of forest disturbance using streamwater nitrogen data. Ecological Indicators, 2009, 9, 476-484. | 6.3 | 21 |
| 14 | Combining high spatial resolution multi-temporal satellite data with leaf-on LiDAR to enhance tree species discrimination at the crown level. International Journal of Remote Sensing, 2018, 39, 9054-9072. | 2.9 | 19 |
| 15 | Relationship of a Landsat cumulative disturbance index to canopy nitrogen and forest structure. Remote Sensing of Environment, 2012, 118, 40-49. | 11.0 | 16 |
| 16 | Street tree health from space? An evaluation using WorldView-3 data and the Washington D.C. Street Tree Spatial Database. Urban Forestry and Urban Greening, 2020, 49, 126634. | 5.3 | 16 |
| 17 | Reducing Uncertainties in Applying Remotely Sensed Land Use and Land Cover Maps in Land-Atmosphere Interaction: Identifying Change in Space and Time. Remote Sensing, 2018, 10, 506. | 4.0 | 14 |
| 18 | The response of tree ring Î´15N to whole-watershed urea fertilization at the Fernow Experimental Forest, WV. Biogeochemistry, 2016, 130, 133-145. | 3.5 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Site-level importance of broadleaf deciduous trees outweighs the legacy of high nitrogen (N) deposition on ecosystem N status of Central Appalachian red spruce forests. Plant and Soil, 2016, 408, 343-356. | 3.7 | 6 |
| 20 | Does the spatial arrangement of disturbance within forested watersheds affect loadings of nitrogen to stream waters? A test using Landsat and synoptic stream water data. International Journal of Applied Earth Observation and Geoinformation, 2014, 26, 80-87. | 2.8 | 5 |
| 21 | Maps on Acid: Cartographically Constructing the Acid Rain Environmental Issue, 1972â€“1980. Professional Geographer, 2015, 67, 242-254. | 1.8 | 4 |
| 22 | Identifying Controls on the Spatial Variability of Foliar Nitrogen in a Large, Complex Ecosystem: the Role of Atmospheric Nitrogen Deposition in the Adirondack Park, NY, USA. J Agricultural Meteorology, 2005, 60, 1157-1160. | 1.5 | 4 |
| 23 | Coordinating a Northeast Regional Phenology Network. Bulletin of the Ecological Society of America, 2008, 89, 188-190. | 0.2 | 3 |
| 24 | The Fernow Experimental Forest, West Virginia, <scp>USA</scp>: Insights, datasets, and opportunities. Hydrological Processes, 2021, 35, e14106. | 2.6 | 3 |
| 25 | Nitrogen Availability Decreases the Severity of Snow Storm Damage in a Temperate Forest. Forest Science, 2020, 66, 58-65. | 1.0 | 2 |
| 26 | Nitrogen Fertilization Increases Windstorm Damage in an Aggrading Forest. Forests, 2021, 12, 443. | 2.1 | 2 |
| 27 | Hemlock: A Forest Giant on the Edge ed. by David R. Foster. Southeastern Geographer, 2017, 57, 390-392. | 0.2 | 0 |