

# Christopher J Kucharik

## List of Publications by Year in descending order

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119  
papers

20,106  
citations

38660

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h-index

19136

118  
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all docs

121  
docs citations

121  
times ranked

24420  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Agricultural Landscape Transformation Needed to Meet Water Quality Goals in the Yahara River Watershed of Southern Wisconsin. <i>Ecosystems</i> , 2022, 25, 507-525.   | 1.6 | 5         |
| 2  | Data inaccessibility at sub-county scale limits implementation of manuresheds. <i>Journal of Environmental Quality</i> , 2022, 51, 614-621.  | 1.0 | 4         |
| 3  | Characterizing Dominant Field-Scale Cropping Sequences for a Potato and Vegetable Growing Region in Central Wisconsin. <i>Land</i> , 2022, 11, 273.  | 1.2 | 3         |
| 4  | Environmental outcomes of the US Renewable Fuel Standard. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .  | 3.3 | 86        |
| 5  | Deficiencies of Phenology Models in Simulating Spatial and Temporal Variations in Temperate Spring Leaf Phenology. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .                         | 1.3 | 6         |
| 6  | Land use-land cover gradient demonstrates the importance of perennial grasslands with intact soils for building soil carbon in the fertile Mollisols of the North Central US. <i>Geoderma</i> , 2022, 418, 115854. | 2.3 | 5         |
| 7  | The Dynamic Relationship between Air and Land Surface Temperature within the Madison, Wisconsin Urban Heat Island. <i>Remote Sensing</i> , 2022, 14, 165.  | 1.8 | 6         |
| 8  | Soil-dependent responses of US crop yields to climate variability and depth to groundwater. <i>Agricultural Systems</i> , 2021, 190, 103085.   | 3.2 | 29        |
| 9  | Rapid changes in agricultural land use and hydrology in the Driftless Region. , 2021, 4, e20214.   |     | 4         |
| 10 | Knowledge Co-Production with Agricultural Trade Associations. <i>Water (Switzerland)</i> , 2020, 12, 3236.   | 1.2 | 4         |
| 11 | Spatiotemporal trends in crop yields, yield variability, and yield gaps across the USA. <i>Crop Science</i> , 2020, 60, 2085-2101.   | 0.8 | 10        |
| 12 | Spatial and temporal variability of future ecosystem services in an agricultural landscape. <i>Landscape Ecology</i> , 2020, 35, 2569-2586.  | 1.9 | 17        |
| 13 | Fine-Scale Analysis of the Energy-Land-Water Nexus: Nitrate Leaching Implications of Biomass Cofiring in the Midwestern United States. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2122-2132.        | 4.6 | 7         |
| 14 | Decadal-Scale Changes in the Seasonal Surface Water Balance of the Central United States from 1984 to 2007. <i>Journal of Hydrometeorology</i> , 2020, 21, 1905-1927.  | 0.7 | 4         |
| 15 | Management of minimum lake levels and impacts on flood mitigation: A case study of the Yahara Watershed, Wisconsin, USA. <i>Journal of Hydrology</i> , 2019, 577, 123920.  | 2.3 | 4         |
| 16 | Comparing the effects of climate and land use on surface water quality using future watershed scenarios. <i>Science of the Total Environment</i> , 2019, 693, 133484.  | 3.9 | 20        |
| 17 | Observation of irrigation-induced climate change in the Midwest United States. <i>Global Change Biology</i> , 2019, 25, 3472-3484.   | 4.2 | 54        |
| 18 | Soil microclimates influence annual carbon loss via heterotrophic soil respiration in maize and switchgrass bioenergy cropping systems. <i>Agricultural and Forest Meteorology</i> , 2019, 279, 107731.            | 1.9 | 16        |

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|----|--|------|-----------|
| 19 | Nonlinear groundwater influence on biophysical indicators of ecosystem services. <i>Nature Sustainability</i> , 2019, 2, 475-483.  | 11.5 | 42        |
| 20 | Litter quantity, litter chemistry, and soil texture control changes in soil organic carbon fractions under bioenergy cropping systems of the North Central U.S.. <i>Biogeochemistry</i> , 2019, 143, 313-326.  | 1.7  | 23        |
| 21 | Scale-dependent interactions between tree canopy cover and impervious surfaces reduce daytime urban heat during summer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7575-7580.               | 3.3  | 348       |
| 22 | Reply to Drescher: Interdisciplinary collaboration is essential to understand and implement climate-resilient strategies in cities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26155-26156. | 3.3  | 2         |
| 23 | Understanding relationships among ecosystem services across spatial scales and over time. <i>Environmental Research Letters</i> , 2018, 13, 054020.  | 2.2  | 76        |
| 24 | Extreme precipitation and phosphorus loads from two agricultural watersheds. <i>Limnology and Oceanography</i> , 2018, 63, 1221-1233.  | 1.6  | 84        |
| 25 | Scenarios reveal pathways to sustain future ecosystem services in an agricultural landscape. <i>Ecological Applications</i> , 2018, 28, 119-134.   | 1.8  | 34        |
| 26 | Drivers of Potential Recharge from Irrigated Agroecosystems in the Wisconsin Central Sands. <i>Vadose Zone Journal</i> , 2018, 17, 1-22.   | 1.3  | 11        |
| 27 | Abrupt Change in Ecological Systems: Inference and Diagnosis. <i>Trends in Ecology and Evolution</i> , 2018, 33, 513-526.  | 4.2  | 178       |
| 28 | The synergistic effect of manure supply and extreme precipitation on surface water quality. <i>Environmental Research Letters</i> , 2018, 13, 044016.  | 2.2  | 32        |
| 29 | Continuous separation of land use and climate effects on the past and future water balance. <i>Journal of Hydrology</i> , 2018, 565, 106-122.  | 2.3  | 30        |
| 30 | Urban heat island-induced increases in evapotranspirative demand. <i>Geophysical Research Letters</i> , 2017, 44, 873-881.   | 1.5  | 65        |
| 31 | The Influence of Legacy P on Lake Water Quality in a Midwestern Agricultural Watershed. <i>Ecosystems</i> , 2017, 20, 1468-1482.   | 1.6  | 60        |
| 32 | From pest data to abundance-based risk maps combining eco-physiological knowledge, weather, and habitat variability. <i>Ecological Applications</i> , 2017, 27, 575-588.   | 1.8  | 12        |
| 33 | Quantifying indirect groundwater-mediated effects of urbanization on agroecosystem productivity using MODFLOW-AgroIBIS (MAGI), a complete critical zone model. <i>Ecological Modelling</i> , 2017, 359, 201-219.                                     | 1.2  | 34        |
| 34 | Assessing the potential to decrease the Gulf of Mexico hypoxic zone with Midwest US perennial cellulosic feedstock production. <i>GCB Bioenergy</i> , 2017, 9, 858-875.  | 2.5  | 31        |
| 35 | Effects of Root Distribution and Root Water Compensation on Simulated Water Use in Maize Influenced by Shallow Groundwater. <i>Vadose Zone Journal</i> , 2017, 16, 1-15.   | 1.3  | 12        |
| 36 | Nitrogen Fertilization Effects on Productivity and Nitrogen Loss in Three Grass-Based Perennial Bioenergy Cropping Systems. <i>PLoS ONE</i> , 2016, 11, e0151919.  | 1.1  | 39        |

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|----|--|-----|-----------|
| 37 | Urban heat island impacts on plant phenology: intra-urban variability and response to land cover. <i>Environmental Research Letters</i> , 2016, 11, 054023.  | 2.2 | 148       |
| 38 | Urban heat island effects on growing seasons and heating and cooling degree days in Madison, Wisconsin USA. <i>International Journal of Climatology</i> , 2016, 36, 4873-4884.                           | 1.5 | 17        |
| 39 | Simulated Effects of Soil Texture on Nitrous Oxide Emission Factors from Corn and Soybean Agroecosystems in Wisconsin. <i>Journal of Environmental Quality</i> , 2016, 45, 1540-1548.                    | 1.0 | 25        |
| 40 | Energy and water balance response of a vegetated wetland to herbicide treatment of invasive <i>Phragmites australis</i> . <i>Journal of Hydrology</i> , 2016, 539, 290-303.                              | 2.3 | 17        |
| 41 | Drought effects on US maize and soybean production: spatiotemporal patterns and historical changes. <i>Environmental Research Letters</i> , 2016, 11, 094021.  | 2.2 | 212       |
| 42 | Explicit modeling of abiotic and landscape factors reveals precipitation and forests associated with aphid abundance. <i>Ecological Applications</i> , 2016, 26, 2600-2610.                              | 1.8 | 21        |
| 43 | From qualitative to quantitative environmental scenarios: Translating storylines into biophysical modeling inputs at the watershed scale. <i>Environmental Modelling and Software</i> , 2016, 85, 80-97. | 1.9 | 44        |
| 44 | Is groundwater recharge always serving us well? Water supply provisioning, crop production, and flood attenuation in conflict in Wisconsin, USA. <i>Ecosystem Services</i> , 2016, 21, 153-165.          | 2.3 | 25        |
| 45 | Carbon and energy fluxes in cropland ecosystems: a model-data comparison. <i>Biogeochemistry</i> , 2016, 129, 53-76.   | 1.7 | 24        |
| 46 | Evidence for Compensatory Photosynthetic and Yield Response of Soybeans to Aphid Herbivory. <i>Journal of Economic Entomology</i> , 2016, 109, 1177-1187.  | 0.8 | 13        |
| 47 | Using a Simple Apparatus to Measure Direct and Diffuse Photosynthetically Active Radiation at Remote Locations. <i>PLoS ONE</i> , 2015, 10, e0115633.  | 1.1 | 18        |
| 48 | Plausible futures of a social-ecological system: Yahara watershed, Wisconsin, USA. <i>Ecology and Society</i> , 2015, 20, .  | 1.0 | 70        |
| 49 | Effect of Weed Management Strategy and Row Width on Nitrous Oxide Emissions in Soybean. <i>Weed Science</i> , 2015, 63, 962-971.   | 0.8 | 3         |
| 50 | Extreme daily loads: role in annual phosphorus input to a north temperate lake. <i>Aquatic Sciences</i> , 2015, 77, 71-79.   | 0.6 | 63        |
| 51 | Use of insect exclusion cages in soybean creates an altered microclimate and differential crop response. <i>Agricultural and Forest Meteorology</i> , 2015, 208, 50-61.                                  | 1.9 | 7         |
| 52 | Urban climate effects on extreme temperatures in Madison, Wisconsin, USA. <i>Environmental Research Letters</i> , 2015, 10, 094024.  | 2.2 | 102       |
| 53 | Seasonal Nitrous Oxide and Methane Fluxes from Grain- and Forage-Based Production Systems in Wisconsin, USA. <i>Journal of Environmental Quality</i> , 2014, 43, 1833-1843.                              | 1.0 | 16        |
| 54 | Seasonality of the Urban Heat Island Effect in Madison, Wisconsin. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 2371-2386.  | 0.6 | 101       |

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|----|---|------|-----------|
| 55 | Direct human influence on atmospheric CO2 seasonality from increased cropland productivity. <i>Nature</i> , 2014, 515, 398-401.   | 13.7 | 118       |
| 56 | Influence of groundwater on plant water use and productivity: Development of an integrated ecosystem " Variably saturated soil water flow model. <i>Agricultural and Forest Meteorology</i> , 2014, 189-190, 198-210. | 1.9  | 72        |
| 57 | Testing the stability of carbon pools stored in tussock sedge meadows. <i>Applied Soil Ecology</i> , 2013, 71, 48-57.   | 2.1  | 5         |
| 58 | Environmental sustainability of advanced biofuels. <i>Biofuels, Bioproducts and Biorefining</i> , 2013, 7, 638-646.   | 1.9  | 12        |
| 59 | Impacts of a nuclear war in South Asia on soybean and maize production in the Midwest United States. <i>Climatic Change</i> , 2013, 116, 373-387.   | 1.7  | 33        |
| 60 | Climatic impacts on winter wheat yields in Picardy, France and Rostov, Russia: 1973"2010. <i>Agricultural and Forest Meteorology</i> , 2013, 176, 25-37.  | 1.9  | 47        |
| 61 | Effect of methodological consideration on soil carbon parameter estimates obtained via the acid hydrolysis-incubation method. <i>Soil Biology and Biochemistry</i> , 2013, 67, 295-305.                               | 4.2  | 6         |
| 62 | Soil Moisture Regime and Land Use History Drive Regional Differences in Soil Carbon and Nitrogen Storage Across Southern Wisconsin. <i>Soil Science</i> , 2013, 178, 486-495.   | 0.9  | 4         |
| 63 | Climate-induced changes in biome distribution, NPP, and hydrology in the Upper Midwest U.S.: A case study for potential vegetation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 248-264.    | 1.3  | 26        |
| 64 | Comparison of Two Chamber Methods for Measuring Soil Trace-Gas Fluxes in Bioenergy Cropping Systems. <i>Soil Science Society of America Journal</i> , 2013, 77, 1601-1612.  | 1.2  | 16        |
| 65 | <i>Miscanthus</i> Establishment and Overwintering in the Midwest USA: A Regional Modeling Study of Crop Residue Management on Critical Minimum Soil Temperatures. <i>PLoS ONE</i> , 2013, 8, e68847.                  | 1.1  | 35        |
| 66 | A biophysical model of Sugarcane growth. <i>GCB Bioenergy</i> , 2012, 4, 36-48.   | 2.5  | 40        |
| 67 | Soil carbon lost from Mollisols of the North Central U.S.A. with 20 years of agricultural best management practices. <i>Agriculture, Ecosystems and Environment</i> , 2012, 162, 68-76.                               | 2.5  | 85        |
| 68 | Interactive Crop Management in the Community Earth System Model (CESM1): Seasonal Influences on Land" Atmosphere Fluxes. <i>Journal of Climate</i> , 2012, 25, 4839-4859.   | 1.2  | 140       |
| 69 | Impacts of Urbanization on Ecosystem Goods and Services in the U.S. Corn Belt. <i>Ecosystems</i> , 2012, 15, 519-541.   | 1.6  | 46        |
| 70 | 21st century Wisconsin snow projections based on an operational snow model driven by statistically downscaled climate data. <i>International Journal of Climatology</i> , 2011, 31, 1615-1633.                        | 1.5  | 28        |
| 71 | Contribution of Anaerobic Digesters to Emissions Mitigation and Electricity Generation Under U.S. Climate Policy. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6735-6742.                                | 4.6  | 77        |
| 72 | Characterizing the performance of ecosystem models across time scales: A spectral analysis of the North American Carbon Program site-level synthesis. <i>Journal of Geophysical Research</i> , 2011, 116, .           | 3.3  | 72        |

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|----|---|-----|-----------|
| 73 | Crop management and phenology trends in the U.S. Corn Belt: Impacts on yields, evapotranspiration and energy balance. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 882-894.                              | 1.9 | 286       |
| 74 | An alternative approach for quantifying climate regulation by ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 126-133.   | 1.9 | 67        |
| 75 | A Test of Diversityâ€™Productivity Models in Natural, Degraded, and Restored Wet Prairies. <i>Restoration Ecology</i> , 2011, 19, 186-193.  | 1.4 | 21        |
| 76 | Data and monitoring needs for a more ecological agriculture. <i>Environmental Research Letters</i> , 2011, 6, 014017.   | 2.2 | 51        |
| 77 | Role of Turbulent Heat Fluxes over Land in the Monsoon over East Asia. <i>International Journal of Geosciences</i> , 2011, 02, 420-431.   | 0.2 | 22        |
| 78 | Mind the gap: how do climate and agricultural management explain the â€™yield gapâ€™™ of croplands around the world?. <i>Global Ecology and Biogeography</i> , 2010, 19, 769-782.                                   | 2.7 | 408       |
| 79 | Patterns of Climate Change Across Wisconsin From 1950 to 2006. <i>Physical Geography</i> , 2010, 31, 1-28.  | 0.6 | 80        |
| 80 | Landâ€™use Effects on Soil Carbon and Nitrogen on a U.S. Midwestern Floodplain. <i>Soil Science Society of America Journal</i> , 2009, 73, 217-225.   | 1.2 | 53        |
| 81 | Spatiotemporal Mapping of Temperature and Precipitation for the Development of a Multidecadal Climatic Dataset for Wisconsin. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 742-757.            | 0.6 | 53        |
| 82 | Climate impacts on net primary productivity trends in natural and managed ecosystems of the central and eastern United States. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 2143-2161.                   | 1.9 | 68        |
| 83 | Prairie restoration and carbon sequestration: difficulties quantifying C sources and sinks using a biometric approach. <i>Ecological Applications</i> , 2009, 19, 2185-2201.  | 1.8 | 23        |
| 84 | Evaluating a terrestrial ecosystem model with satellite information of greenness. <i>Journal of Geophysical Research</i> , 2008, 113, .   | 3.3 | 26        |
| 85 | Controls of climatic variability and land cover on land surface hydrology of northern Wisconsin, USA. <i>Journal of Geophysical Research</i> , 2008, 113, .   | 3.3 | 10        |
| 86 | Impacts of recent climate change on Wisconsin corn and soybean yield trends. <i>Environmental Research Letters</i> , 2008, 3, 034003.   | 2.2 | 189       |
| 87 | Corn-based ethanol production compromises goal of reducing nitrogen export by the Mississippi River. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4513-4518. | 3.3 | 333       |
| 88 | Contribution of Planting Date Trends to Increased Maize Yields in the Central United States. <i>Agronomy Journal</i> , 2008, 100, 328.  | 0.9 | 43        |
| 89 | Contribution of Planting Date Trends to Increased Maize Yields in the Central United States. <i>Agronomy Journal</i> , 2008, 100, 328-336.  | 0.9 | 134       |
| 90 | Impact of Prairie Age and Soil Order on Carbon and Nitrogen Sequestration. <i>Soil Science Society of America Journal</i> , 2007, 71, 430-441.  | 1.2 | 62        |

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|-----|---|-----|-----------|
| 91  | Residue, respiration, and residuals: Evaluation of a dynamic agroecosystem model using eddy flux measurements and biometric data. <i>Agricultural and Forest Meteorology</i> , 2007, 146, 134-158.  | 1.9 | 86        |
| 92  | Evaluating the seasonal and interannual variations in water balance in northern Wisconsin using a land surface model. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.  | 3.3 | 24        |
| 93  | A Multidecadal Trend of Earlier Corn Planting in the Central USA. <i>Agronomy Journal</i> , 2006, 98, 1544-1550.  | 0.9 | 163       |
| 94  | Modeling Global and Regional Net Primary Production under Elevated Atmospheric CO <sub>2</sub> : On a Potential Source of Uncertainty. <i>Earth Interactions</i> , 2006, 10, 1-20.  | 0.7 | 11        |
| 95  | A paired study of prairie carbon stocks, fluxes, and phenology: comparing the world's oldest prairie restoration with an adjacent remnant. <i>Global Change Biology</i> , 2006, 12, 122-139.  | 4.2 | 68        |
| 96  | A multiyear evaluation of a Dynamic Global Vegetation Model at three AmeriFlux forest sites: Vegetation structure, phenology, soil temperature, and CO <sub>2</sub> and H <sub>2</sub> O vapor exchange. <i>Ecological Modelling</i> , 2006, 196, 1-31. | 1.2 | 161       |
| 97  | Recent History of Large-Scale Ecosystem Disturbances in North America Derived from the AVHRR Satellite Record. <i>Ecosystems</i> , 2005, 8, 808-824.  | 1.6 | 40        |
| 98  | Trends and Variability in U.S. Corn Yields Over the Twentieth Century. <i>Earth Interactions</i> , 2005, 9, 1-29.   | 0.7 | 107       |
| 99  | Effects of El Niño/Southern Oscillation on the Climate, Water Balance, and Streamflow of the Mississippi River Basin. <i>Journal of Climate</i> , 2005, 18, 4840-4861.  | 1.2 | 48        |
| 100 | Global Consequences of Land Use. <i>Science</i> , 2005, 309, 570-574.   | 6.0 | 9,451     |
| 101 | Effects of Land Cover Change on the Energy and Water Balance of the Mississippi River Basin. <i>Journal of Hydrometeorology</i> , 2004, 5, 640-655.   | 0.7 | 155       |
| 102 | Effects of logging on carbon dynamics of a jack pine forest in Saskatchewan, Canada. <i>Global Change Biology</i> , 2004, 10, 1267-1284.  | 4.2 | 128       |
| 103 | Land use, land cover, and climate change across the Mississippi Basin: Impacts on selected land and water resources. <i>Geophysical Monograph Series</i> , 2004, , 249-261.   | 0.1 | 25        |
| 104 | Impact of changing land use practices on nitrate export by the Mississippi River. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.  | 1.9 | 117       |
| 105 | The influence of climate on in-stream removal of nitrogen. <i>Geophysical Research Letters</i> , 2004, 31, .  | 1.5 | 42        |
| 106 | Evaluating the impacts of land management and climate variability on crop production and nitrate export across the Upper Mississippi Basin. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.  | 1.9 | 81        |
| 107 | Evaluation of the importance of Lagrangian canopy turbulence formulations in a soil-plant-atmosphere model. <i>Agricultural and Forest Meteorology</i> , 2003, 115, 51-69.  | 1.9 | 50        |
| 108 | Evaluation of a Process-Based Agro-Ecosystem Model (Agro-IBIS) across the U.S. Corn Belt: Simulations of the Interannual Variability in Maize Yield. <i>Earth Interactions</i> , 2003, 7, 1-33.   | 0.7 | 137       |

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|-----|--|-----|-----------|
| 109 | Integrated Biosphere Simulator (IBIS) Yield and Nitrate Loss Predictions for Wisconsin Maize Receiving Varied Amounts of Nitrogen Fertilizer. <i>Journal of Environmental Quality</i> , 2003, 32, 247-268. | 1.0 | 131       |
| 110 | Integrated Biosphere Simulator (IBIS) Yield and Nitrate Loss Predictions for Wisconsin Maize Receiving Varied Amounts of Nitrogen Fertilizer. <i>Journal of Environmental Quality</i> , 2003, 32, 247.     | 1.0 | 33        |
| 111 | Measurements and Modeling of Carbon and Nitrogen Cycling in Agroecosystems of Southern Wisconsin: Potential for SOC Sequestration during the Next 50 Years. <i>Ecosystems</i> , 2001, 4, 237-258.          | 1.6 | 103       |
| 112 | Global response of terrestrial ecosystem structure and function to CO <sub>2</sub> and climate change: results from six dynamic global vegetation models. <i>Global Change Biology</i> , 2001, 7, 357-373. | 4.2 | 1,718     |
| 113 | Measurements and Modeling of Carbon and Nitrogen Cycling in Agroecosystems of Southern Wisconsin: Potential for SOC Sequestration during the Next 50 Years. <i>Ecosystems</i> , 2001, 4, 237-258.          | 1.6 | 48        |
| 114 | Testing the performance of a dynamic global ecosystem model: Water balance, carbon balance, and vegetation structure. <i>Global Biogeochemical Cycles</i> , 2000, 14, 795-825.                             | 1.9 | 608       |
| 115 | Characterization of radiation regimes in nonrandom forest canopies: theory, measurements, and a simplified modeling approach. <i>Tree Physiology</i> , 1999, 19, 695-706.                                  | 1.4 | 182       |
| 116 | Direct and Indirect Estimation of Leaf Area Index, fAPAR, and Net Primary Production of Terrestrial Ecosystems. <i>Remote Sensing of Environment</i> , 1999, 70, 29-51.                                    | 4.6 | 1,033     |
| 117 | Measurements of leaf orientation, light distribution and sunlit leaf area in a boreal aspen forest. <i>Agricultural and Forest Meteorology</i> , 1998, 91, 127-148.  | 1.9 | 55        |
| 118 | Measurements of branch area and adjusting leaf area index indirect measurements. <i>Agricultural and Forest Meteorology</i> , 1998, 91, 69-88.   | 1.9 | 184       |
| 119 | Did agriculture beget agriculture during the past several millennia?. <i>Holocene</i> , 0, , 095968362210882.  | 0.9 | 1         |