# Douglas K Bolton

List of Publications by Year
in descending order

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|---|---|---|---|
| 22<br>papers | 775<br>citations | 567281<br>15<br>h-index | 713466<br>21<br>g-index |
| 22<br>all docs | 22<br>docs citations | 22<br>times ranked | 1080<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Modelling lidar-derived estimates of forest attributes over space and time: A review of approaches and future trends. Remote Sensing of Environment, 2021, 260, 112477. | 11.0 | 123 |
| 2 | Characterizing residual structure and forest recovery following high-severity fire in the western boreal of Canada using Landsat time-series and airborne lidar data. Remote Sensing of Environment, 2015, 163, 48-60. | 11.0 | 102 |
| 3 | Three decades of forest structural dynamics over Canada's forested ecosystems using Landsat time-series and lidar plots. Remote Sensing of Environment, 2018, 216, 697-714. | 11.0 | 99 |
| 4 | A thirty year, fine-scale, characterization of area burned in Canadian forests shows evidence of regionally increasing trends in the last decade. PLoS ONE, 2018, 13, e0197218. | 2.5 | 58 |
| 5 | Impact of time on interpretations of forest fragmentation: Three-decades of fragmentation dynamics over Canada. Remote Sensing of Environment, 2019, 222, 65-77. | 11.0 | 43 |
| 6 | Daily estimates of Landsat fractional snow cover driven by MODIS and dynamic time-warping. Remote Sensing of Environment, 2018, 216, 635-646. | 11.0 | 38 |
| 7 | Updating stand-level forest inventories using airborne laser scanning and Landsat time series data. International Journal of Applied Earth Observation and Geoinformation, 2018, 66, 174-183. | 2.8 | 33 |
| 8 | Measuring forest structure along productivity gradients in the Canadian boreal with small-footprint Lidar. Environmental Monitoring and Assessment, 2013, 185, 6617-6634. | 2.7 | 31 |
| 9 | Evidence of vegetation greening at alpine treeline ecotones: three decades of Landsat spectral trends informed by lidar-derived vertical structure. Environmental Research Letters, 2018, 13, 084022. | 5.2 | 30 |
| 10 | An Automated Approach to Map the History of Forest Disturbance from Insect Mortality and Harvest with Landsat Time-Series Data. Remote Sensing, 2014, 6, 2782-2808. | 4.0 | 29 |
| 11 | Assessing variability in postâ€fire forest structure along gradients of productivity in the Canadian boreal using multiâ€source remote sensing. Journal of Biogeography, 2017, 44, 1294-1305. | 3.0 | 28 |
| 12 | Disentangling vegetation and climate as drivers of Australian vertebrate richness. Ecography, 2018, 41, 1147-1160. | 4.5 | 28 |
| 13 | Investigating the agreement between global canopy height maps and airborne Lidar derived height estimates over Canada. Canadian Journal of Remote Sensing, 2013, 39, S139-S151. | 2.4 | 26 |
| 14 | Optimizing Landsat time series length for regional mapping of lidar-derived forest structure. Remote Sensing of Environment, 2020, 239, 111645. | 11.0 | 23 |
| 15 | Remotely-sensed productivity clusters capture global biodiversity patterns. Scientific Reports, 2018, 8, 16261. | 3.3 | 18 |
| 16 | Assessing conservation regionalization schemes: employing a beta diversity metric to test the environmental surrogacy approach. Diversity and Distributions, 2014, 20, 503-514. | 4.1 | 15 |
| 17 | Snow cover mapped daily at 30 meters resolution using a fusion of multi-temporal MODIS NDSI data and Landsat surface reflectance. Canadian Journal of Remote Sensing, 2018, 44, 413-434. | 2.4 | 15 |
| 18 | Evaluating an Automated Approach for Monitoring Forest Disturbances in the Pacific Northwest from Logging, Fire and Insect Outbreaks with Landsat Time Series Data. Forests, 2014, 5, 3169-3198. | 2.1 | 14 |

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|---|---------|-----|-----------|
| 19 | Uncovering regional variability in disturbance trends between parks and greater park ecosystems across Canada (1985â€"2015). Scientific Reports, 2019, 9, 1323. | 3.3 | 7 |
| 20 | FOSTERâ€"An R package for forest structure extrapolation. PLoS ONE, 2021, 16, e0244846. | 2.5 | 6 |
| 21 | Changing spring snow cover dynamics and early season forage availability affect the behavior of a large carnivore. Global Change Biology, 2020, 26, 6266-6275. | 9.5 | 5 |
| 22 | An Unsupervised Change Detection Method for Lidar Data in Forest Areas Based on Change Vector Analysis in the Polar Domain. , 2018, , . | | 4 |