

Kerri T Vierling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3293254/publications.pdf>

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14
papers

1,205
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	Lidar: shedding new light on habitat characterization and modeling. <i>Frontiers in Ecology and the Environment</i> , 2008, 6, 90-98.	4.0	416
2	Mapping snags and understory shrubs for a LiDAR-based assessment of wildlife habitat suitability. <i>Remote Sensing of Environment</i> , 2009, 113, 2533-2546.	11.0	234
3	Beyond 3-D: The new spectrum of lidar applications for earth and ecological sciences. <i>Remote Sensing of Environment</i> , 2016, 186, 372-392.	11.0	229
4	The use of airborne lidar to assess avian species diversity, density, and occurrence in a pine/aspen forest. <i>Remote Sensing of Environment</i> , 2008, 112, 2064-2073.	11.0	153
5	Terrain and vegetation structural influences on local avian species richness in two mixed-conifer forests. <i>Remote Sensing of Environment</i> , 2014, 147, 13-22.	11.0	51
6	The role of wood hardness in limiting nest site selection in avian cavity excavators. <i>Ecological Applications</i> , 2015, 25, 1016-1033.	3.8	48
7	How much does the time lag between wildlife field-data collection and LiDAR-data acquisition matter for studies of animal distributions? A case study using bird communities. <i>Remote Sensing Letters</i> , 2014, 5, 185-193.	1.4	23
8	Assessing Biodiversity by Airborne Laser Scanning. <i>Managing Forest Ecosystems</i> , 2014, , 357-374.	0.9	18
9	Thermal conditions within tree cavities in ponderosa pine (<i>Pinus ponderosa</i>) forests: potential implications for cavity users. <i>International Journal of Biometeorology</i> , 2018, 62, 553-564.	3.0	11
10	Lewis's Woodpecker (<i>Melanerpes lewis</i>)., 2013, , .		9
11	Relationships among Vegetation Structure, Canopy Composition, and Avian Richness Patterns across an Aspen-Conifer Forest Gradient. <i>Canadian Journal of Remote Sensing</i> , 2017, 43, 231-243.	2.4	6
12	Thermal environments within aspen (<i>Populus tremuloides</i>) tree cavities during summer: Implications for breeding and roosting cavity users. <i>Journal of Thermal Biology</i> , 2019, 81, 41-48.	2.5	4
13	Smartphone LIDAR can measure tree cavity dimensions for wildlife studies. <i>Wildlife Society Bulletin</i> , 2019, 43, 159-166.	1.6	3
14	Creating Undergraduate Community Ambassadors of Earth System Science. <i>Journal of Geoscience Education</i> , 2006, 54, 283-286.	1.4	0