

Steven L Van Wilgenburg

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,409
citations

304602

22
h-index

360920

35
g-index

54
all docs

54
docs citations

54
times ranked

1346
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Linking Hydrogen ($\delta^2\text{H}$) Isotopes in Feathers and Precipitation: Sources of Variance and Consequences for Assignment to Isoscapes. <i>PLoS ONE</i> , 2012, 7, e35137. | 1.1 | 143 |
| 2 | A Method for Investigating Population Declines of Migratory Birds Using Stable Isotopes: Origins of Harvested Lesser Scaup in North America. <i>PLoS ONE</i> , 2009, 4, e7915. | 1.1 | 109 |
| 3 | Combining stable-isotope ($\delta^2\text{H}$) and band recovery data to improve probabilistic assignment of migratory birds to origin. , 2011, 21, 1340-1351. | | 92 |
| 4 | Positive Relationships between Association Strength and Phenotypic Similarity Characterize the Assembly of Mixed-Species Bird Flocks Worldwide. <i>American Naturalist</i> , 2012, 180, 777-790. | 1.0 | 88 |
| 5 | Connecting breeding and wintering grounds of Neotropical migrant songbirds using stable hydrogen isotopes: a call for an isotopic atlas of migratory connectivity. <i>Journal of Field Ornithology</i> , 2014, 85, 237-257. | 0.3 | 80 |
| 6 | Stable isotopes ($\delta^2\text{H}$) delineate the origins and migratory connectivity of harvested animals: the case of European woodpigeons. <i>Journal of Applied Ecology</i> , 2009, 46, 572-581. | 1.9 | 70 |
| 7 | Advances in Linking Wintering Migrant Birds to Their Breeding-Ground Origins Using Combined Analyses of Genetic and Stable Isotope Markers. <i>PLoS ONE</i> , 2012, 7, e43627. | 1.1 | 57 |
| 8 | A Continent-Wide Migratory Divide in North American Breeding Barn Swallows (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2015, 10, e0129340. | 1.1 | 54 |
| 9 | Disease Dynamics and Bird Migration—Linking Mallards <i>Anas platyrhynchos</i> and Subtype Diversity of the Influenza A Virus in Time and Space. <i>PLoS ONE</i> , 2012, 7, e35679. | 1.1 | 53 |
| 10 | A Multi-Isotope ($\delta^2\text{H}$, $\delta^{13}\text{C}$, $\delta^{15}\text{N}$) Approach to Establishing Migratory Connectivity in Palearctic-Afrotropical Migrants: An Example using Wood Warblers <i>Phylloscopus sibilatrix</i> . <i>Acta Ornithologica</i> , 2014, 49, 57-69. | 0.1 | 41 |
| 11 | Using stable hydrogen isotopes ($\delta^2\text{H}$) and ring recoveries to trace natal origins in a Eurasian passerine with a migratory divide. <i>Journal of Avian Biology</i> , 2013, 44, 541-550. | 0.6 | 39 |
| 12 | Using Stable Hydrogen Isotope Analysis of Feathers to Delineate Origins of Harvested Sandhill Cranes in the Central Flyway of North America. <i>Waterbirds</i> , 2006, 29, 137-147. | 0.2 | 37 |
| 13 | Paired sampling standardizes point count data from humans and acoustic recorders. <i>Avian Conservation and Ecology</i> , 2017, 12, . | 0.3 | 33 |
| 14 | Migratory Connectivity in the Rusty Blackbird: Isotopic Evidence From Feathers of Historical and Contemporary Specimens. <i>Condor</i> , 2010, 112, 778-788. | 0.7 | 28 |
| 15 | Boreal bird abundance estimates within different energy sector disturbances vary with point count radius. <i>Condor</i> , 2016, 118, 376-390. | 0.7 | 28 |
| 16 | Origins of American Kestrels Wintering at Two Southern U.S. Sites: An Investigation Using Stable-Isotope ($\delta^2\text{H}$, $\delta^{18}\text{O}$) Methods. <i>Journal of Raptor Research</i> , 2009, 43, 325-337. | 0.2 | 27 |
| 17 | Landscape-scale disturbance and boreal forest birds: Can large single-pass harvest approximate fires?. <i>Forest Ecology and Management</i> , 2008, 256, 136-146. | 1.4 | 26 |
| 18 | Assessing geographic origins of Teal (<i>Anas crecca</i>) through stable-hydrogen ($\delta^2\text{H}$) isotope analyses of feathers and ring-recoveries. <i>Journal of Ornithology</i> , 2014, 155, 165-172. | 0.5 | 26 |

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|----|---|-----|-----------|
| 19 | Identifying the African Wintering Grounds of Hybrid Flycatchers Using a Multi-Isotope ($\delta^2\text{H}$, $\delta^{13}\text{C}$, $\delta^{15}\text{N}$) Assignment Approach. <i>PLoS ONE</i> , 2014, 9, e98075. | 1.1 | 25 |
| 20 | Moving riparian management guidelines towards a natural disturbance model: An example using boreal riparian and shoreline forest bird communities. <i>Forest Ecology and Management</i> , 2009, 257, 54-65. | 1.4 | 24 |
| 21 | Tracking Natal Dispersal in a Coastal Population of a Migratory Songbird Using Feather Stable Isotope ($\delta^2\text{H}$, $\delta^{34}\text{S}$) Tracers. <i>PLoS ONE</i> , 2014, 9, e94437. | 1.1 | 24 |
| 22 | Microphone variability and degradation: implications for monitoring programs employing autonomous recording units. <i>Avian Conservation and Ecology</i> , 2017, 12, . | 0.3 | 23 |
| 23 | Conservation through connectivity: can isotopic gradients in Africa reveal winter quarters of a migratory bird?. <i>Oecologia</i> , 2013, 171, 591-600. | 0.9 | 22 |
| 24 | Linking Canadian Harvested Juvenile American Black Ducks to Their Natal Areas Using Stable Isotope ($\delta^2\text{H}$) Tj ETQq0,0,0 rgBT /Overlock 1 | 0.3 | 20 |
| 25 | A feather hydrogen isoscape for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 63-70. | 1.5 | 19 |
| 26 | Extensive Rangewide Mitochondrial Introgression Indicates Substantial Cryptic Hybridization in the Golden-winged Warbler (<i>Vermivora chrysoptera</i>). <i>Avian Conservation and Ecology</i> , 2009, 4, . | 0.3 | 18 |
| 27 | A feather hydrogen isoscape for Mexico. <i>Journal of Geochemical Exploration</i> , 2009, 102, 167-174. | 1.5 | 16 |
| 28 | Estimated Avian Nest Loss Associated with Oil and Gas Exploration and Extraction in the Western Canadian Sedimentary Basin. <i>Avian Conservation and Ecology</i> , 2013, 8, . | 0.3 | 16 |
| 29 | Space-time tradeoffs in the development of precipitation-based isoscape models for determining migratory origin. <i>Journal of Avian Biology</i> , 2015, 46, 658-667. | 0.6 | 16 |
| 30 | Tracing origins of waterfowl using the Saskatchewan River Delta: Incorporating stable isotope approaches in continent-wide waterfowl management and conservation. <i>Condor</i> , 2017, 119, 261-274. | 0.7 | 16 |
| 31 | A cost efficient spatially balanced hierarchical sampling design for monitoring boreal birds incorporating access costs and habitat stratification. <i>PLoS ONE</i> , 2020, 15, e0234494. | 1.1 | 13 |
| 32 | Isotopic ($\delta^2\text{H}$) evidence of "eeloop migration" and use of the Gulf of Maine Flyway by both western and eastern breeding populations of Blackpoll Warblers. <i>Journal of Field Ornithology</i> , 2015, 86, 213-228. | 0.3 | 12 |
| 33 | Multi-Isotopic ($\delta^2\text{H}$, $\delta^{13}\text{C}$, $\delta^{15}\text{N}$) Tracing of Molt Origin for Red-Winged Blackbirds Associated with Agro-Ecosystems. <i>PLoS ONE</i> , 2016, 11, e0165996. | 1.1 | 12 |
| 34 | Complex migration and breeding strategies in an elusive bird species illuminated by genetic and isotopic markers. <i>Journal of Avian Biology</i> , 2016, 47, 275-287. | 0.6 | 12 |
| 35 | Habitat loss on the breeding grounds is a major contributor to population declines in a long-distance migratory songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203164. | 1.2 | 12 |
| 36 | Solving a Migration Riddle Using Isoscapes: House Martins from a Dutch Village Winter over West Africa. <i>PLoS ONE</i> , 2012, 7, e45005. | 1.1 | 11 |

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|----|--|-----|-----------|
| 37 | A stable isotope ($\delta^2\text{H}$) approach to deriving origins of harvested woodcock (<i>Scolopax rusticola</i>) taken in France. <i>European Journal of Wildlife Research</i> , 2013, 59, 881-892. | 0.7 | 11 |
| 38 | Origins of juvenile Woodcock (<i>Scolopax rusticola</i>) harvested in Spain inferred from stable hydrogen isotope ($\delta^2\text{H}$) analyses of feathers. <i>Journal of Ornithology</i> , 2013, 154, 1087-1094. | 0.5 | 10 |
| 39 | Biased representation of disturbance rates in the roadside sampling frame in boreal forests: implications for monitoring design. <i>Avian Conservation and Ecology</i> , 2015, 10, . | 0.3 | 9 |
| 40 | Unraveling migratory connectivity of two European diving ducks: a stable isotope approach. <i>European Journal of Wildlife Research</i> , 2016, 62, 701-711. | 0.7 | 8 |
| 41 | Migratory connectivity in the Loggerhead Shrike (<i>Lanius ludovicianus</i>). <i>Ecology and Evolution</i> , 2018, 8, 10662-10672. | 0.8 | 7 |
| 42 | Patterns of migratory connectivity in Vaux's Swifts at a northern migratory roost: A multi-isotope approach. <i>Condor</i> , 2015, 117, 670-682. | 0.7 | 5 |
| 43 | Breeding origins and pattern of migration of Bluethroats (<i>Luscinia svecica</i>) wintering from Iberia to Senegal as revealed by stable isotopes. <i>Bird Study</i> , 2016, 63, 196-202. | 0.4 | 5 |
| 44 | Temporal changes in avian abundance in aspen-dominated boreal mixedwood forests of central Saskatchewan, Canada. <i>Avian Conservation and Ecology</i> , 2018, 13, . | 0.3 | 5 |
| 45 | An Estimate of Nest Loss in Canada Due to Industrial Forestry Operations. <i>Avian Conservation and Ecology</i> , 2013, 8, . | 0.3 | 3 |
| 46 | Breeding origins and migratory connectivity at a northern roost of Vaux's Swift, a declining aerial insectivore. <i>Condor</i> , 2019, 121, . | 0.7 | 1 |
| 47 | Title is missing!. , 2020, 15, e0234494. | | 0 |
| 48 | Title is missing!. , 2020, 15, e0234494. | | 0 |
| 49 | Title is missing!. , 2020, 15, e0234494. | | 0 |
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| 51 | Title is missing!. , 2020, 15, e0234494. | | 0 |
| 52 | Title is missing!. , 2020, 15, e0234494. | | 0 |