Table 2. The 10 most relevant scienciometric results regarding the publications in the systematic review.

| **Most relevant authors** | **Articles** |
| --- | --- |
| FLEMING C.H. | 8 |
| NATHAN R. | 8 |
| SPIEGEL O. | 8 |
| CALABRESE J.M. | 7 |
| FAGAN W.F. | 7 |
| GETZ W.M. | 7 |
| BULL C.M. | 6 |
| WITTEMYER G. | 6 |
| AVGAR T. | 5 |
| FORESTER J.D. | 5 |
|  |  |
| **Most local cited authors** | **Citations** |
| FAGAN W.F. | 52 |
| AVGAR T. | 47 |
| FLEMING C.H. | 46 |
| CALABRESE J.M. | 44 |
| GURARIE E. | 43 |
| FORESTER J.D. | 35 |
| MUELLER T. | 30 |
| SPIEGEL O. | 28 |
| AUGER-METHE M. | 26 |
| BENHAMOU S. | 26 |
|  |  |
| **Most relevant affiliations** | **Articles** |
| Colorado State University | 34 |
| University of California, Davis | 32 |
| University of Florida | 28 |
| Smithsonian Conservation Biology Institute | 25 |
| The University of Maryland | 25 |
| University of Oxford | 23 |
| University of California, Berkeley | 22 |
| University of Alberta | 21 |
| University of Minnesota | 19 |
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| **Most global cited documents** | **Citations** |
| MANEL et al., 2003 - Landscape genetics: combining landscape ecology and population genetics | 1443 |
| PARADIS et al., 1998 - Patterns of natal and breeding dispersal in birds | 551 |
| KOENIG et al., 1996 - Detectability, philopatry, and the distribution of dispersal distances in vertebrates | 522 |
| DIAS 1996 - Sources and sinks in population biology | 522 |
| WITH and CRIST, 1995 - Critical thresholds in species' responses to landscape structure | 513 |
| ZOLLNER and LIMA, 1999 - Search strategies for landscape‐level interpatch movements | 356 |
| MOILANEN and HANSKI, 1998 - Metapopulation dynamics: effects of habitat quality and landscape structure | 352 |
| HANSKI, 1999 - Habitat connectivity, habitat continuity, and metapopulations in dynamic landscapes | 345 |
| BAGUETTE and VAN DYCK, 2007 - Landscape connectivity and animal behavior: functional grain as a key determinant for dispersal | 343 |
| GUSTAFSON and GARDNER, 1996 - The effect of landscape heterogeneity on the probability of patch colonization | 335 |
|  |  |
| **Most local cited documents** | **Citations** |
| FAGAN et al., 2013 - Spatial memory and animal movement | 25 |
| FORESTER et al., 2009 - Accounting for animal movement in estimation of resource selection functions: sampling and data analysis | 23 |
| GURARIE et al., 2009 - A novel method for identifying behavioural changes in animal movement data | 21 |
| SCHICK et al., 2008 - Understanding movement data and movement processes: current and emerging directions | 19 |
| SPIEGEL et al., 2017 - What's your move? Movement as a link between personality and spatial dynamics in animal populations | 17 |
| FLEMING et al., 2014 - From fine-scale foraging to home ranges: a semivariance approach to identifying movement modes across spatiotemporal scales | 16 |
| BELISLE, 2005 - Measuring landscape connectivity: the challenge of behavioral landscape ecology | 15 |
| CALABRESE et al., 2016 - ctmm: an r package for analyzing animal relocation data as a continuous‐time stochastic process | 14 |
| BOHRER et al., 2012 - Estimating updraft velocity components over large spatial scales: contrasting migration strategies of golden eagles and turkey vultures | 13 |
| ALLEN and SINGH, 2016 - Linking movement ecology with wildlife management and conservation | 13 |
|  |  |
| **Most local cited references** | **Citations** |
| NATHAN et al., 2008 - A movement ecology paradigm for unifying organismal movement research | 123 |
| BURNHAM and ANDERSON, 2002 - Practical use of the information-theoretic approach | 52 |
| TURCHIN PETER, 1998 - Quantitative Analysis of Movement. Measuring and Modeling Population Redistribution in Animals and Plants | 52 |
| MORALES et al., 2004 - Extracting more out of relocation data: building movement models as mixtures of random walks | 45 |
| PATTERSON et al., 2008 - State–space models of individual animal movement | 44 |
| FORTIN et al., 2005 - Wolves influence elk movements: behavior shapes a trophic cascade in Yellowstone National Park | 43 |
| CALENGE 2006 - The package “adehabitat” for the R software: a tool for the analysis of space and habitat use by animals | 42 |
| KAYS et al., 2015 - Terrestrial animal tracking as an eye on life and planet | 40 |
| BOWLER and BENTON, 2005 - Causes and consequences of animal dispersal strategies: relating individual behavior to spatial dynamics | 31 |
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| **Most relevant Sources** | **Articles** |
| Journal of Animal Ecology | 33 |
| Landscape Ecology | 31 |
| Ecology | 27 |
| Movement Ecology | 24 |
| Methods in Ecology and Evolution | 23 |
| Ecology and Evolution | 22 |
| Ecology Letters | 16 |
| Proceedings of the Royal Society B-Biological Sciences | 15 |
| Biological Conservation | 13 |
| Ecological Modelling | 13 |
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