

A bibliometric survey of Systematic & Applied Acarology (2006–2015)

Authors: Liu, Jian-Feng, and Zhang, Zhi-Qiang

Source: Systematic and Applied Acarology, 21(12): 1710-1712

Published By: Systematic and Applied Acarology Society

URL: https://doi.org/10.11158/saa.21.12.11

The BioOne Digital Library (https://bioone.org/) provides worldwide distribution for more than 580 journals and eBooks from BioOne's community of over 150 nonprofit societies, research institutions, and university presses in the biological, ecological, and environmental sciences. The BioOne Digital Library encompasses the flagship aggregation BioOne Complete (https://bioone.org/archive), the BioOne Complete Archive (https://bioone.org/archive), and the BioOne eBooks program offerings ESA eBook Collection (https://bioone.org/esa-ebooks) and CSIRO Publishing BioSelect Collection (https://bioone.org/esa-ebooks)

Your use of this PDF, the BioOne Digital Library, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Digital Library content is strictly limited to personal, educational, and non-commmercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne is an innovative nonprofit that sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Editorial

A bibliometric survey of *Systematic & Applied Acarology* (2006–2015)

JIAN-FENG LIU1 & ZHI-QIANG ZHANG1,2

Systematic & Applied Acarology (SAA) achieved significant growth during its second decade 2006–2015: the number of published papers increased 66.7% over that of the first decade, while the number of pages increased 94.6% (Zhang 2016). A significant event in the last decade for SAA was its coverage in ISI Science Citation Index Expanded from 2011 (Zhang 2011). This is believed to have helped the rapid increase in the submissions of manuscripts to this journal thereafter (Zhang 2014).

The first impact factor of *SAA* was 1.115 for the year 2013, which came out in *Journal Citation Reports Science Edition* in July 2014 (Zhang 2015). The impact factor of *SAA* for the year 2014 was 1.253 and that for 2015 was 1.378. This increasing trend further increased the reputation and popularity of *SAA* among acarologists: *e.g.* the number of papers published in 2015 was 175% of that in 2014 (Table 1). Table 1 also shows the total number of citations, average citations per paper and h-index for papers published during 2006–2015. The average citations per paper are usually more for papers published earlier, but the high value for 2013 (5.02) is an exception, which was contributed by the most cited article of the decade (McMurtry *et al.* 2013; Table 2). It should be noted that papers on ticks (Ixodida) made the top-cited papers in 4 of the 10 years during 2006–2015, whereas papers on each of the other orders (Mesostigmata, Sarcoptiformes and Trombidiformes) made it only 2 out of 10 years.

TABLE 1. Bibliometric data* for papers published during the second decade of SAA (2006–2015).

	Number of papers	Sum of the times cited	Average citations per paper	h-index**
2006	28	213	7.61	8
2007	35	167	4.77	8
2008	34	158	4.65	7
2009	33	129	3.91	6
2010	32	151	4.72	8
2011	39	145	3.72	6
2012	52	164	3.15	6
2013	46	231	5.02	6
2014	52	83	1.60	4
2015	91	73	0.80	3

^{*} Summary of data from Web of Science on 25 Oct. 2016.

1710 © Systematic & Applied Acarology Society

¹ School of Biological Sciences, the University of Auckland, Auckland, New Zealand

² Landcare Research, 231 Morrin Road, Auckland, New Zealand; corresponding author: email: ZhangZ@landcareresearch.co.nz

^{**} This index indicates that h papers has been cited at least h times (e.g. h =7—each of the top 7 papers of 2008 had been cited at least 7 times).

TABLE 2. Most cited paper* each year during the second decade of SAA (2006–2015).

Year published	Times cited	Mite order**	Source
2006	32	Mesostigmata	Canlas et al. 2006
2007	15	Sarcoptiformes	Akrami & Subías 2007
2008	11	Trombidiformes	Sohrabi & Shishehbor 2008
2009	38	Ixodida	Dantas-Torres et al. 2009
2010	17	Ixodida	Nava et al. 2010
2011	22	Trombidiformes	Seeman & Beard 2011
2012	16	Ixodida	Petney et al. 2012
2013	99	Mesostigmata	McMurtry et al. 2013
2014	8	Sarcoptiformes	Ermilov et al. 2014
2015	5	Ixodida	Scott & Durden 2015

^{*} Data from Web of Science on 25 Oct. 2016.

The top 10 papers of each year contributed from 45.21% (for papers published in 2015) to 69.95% (for papers published 2006) of the total citations to all papers of that year. More papers on Trombidiformes made the top 10 list each year than those on Mesostigmata (Fig. 1).

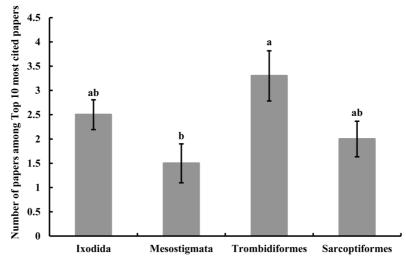


FIGURE 1. The numbers (mean \pm se) of papers on four orders of mites that are among Top 10 most cited papers of each year during 2006–2015 (Excluding papers on general subjects which can not be classified to any particular mite order). Means followed by the same letter are not significantly different at p = 0.05 (Tukey's b test after one-way ANOVA).

Acknowledgements

We thank Dr Qing-Hai Fan (Ministry for Primary Industries, Auckland, New Zealand) for reviewing this manuscript and providing constructive comments.

2015 LIU & ZHANG: A BIBLIOMETRIC SURVEY OF SYSTEMATIC & APPLIED ACAROLOGY (2006–2015) 1711

^{**} Excluding papers on general subjects which can not be classified to any particular mite order.

References

- Akrami, M.A. & Subías, L.S. (2007) Oppiid mites (Acari: Oribatida: Oppiidae) from Mazandaran province (Northern Iran), with a description of *Medioppia bipectinata* sp. n. *Systematic & Applied Acarology*, 12, 237–244.
 - https://doi.org/10.11158/saa.12.3.9
- Canlas, L.J., Amano, H., Ochiai, N. & Takeda, M. (2006) Biology and predation of the Japanese strain of *Neoseiulus californicus* (McGregor)(Acari: Phytoseiidae). *Systematic & Applied Acarology*, 11, 141–157. https://doi.org/10.11158/saa.11.2.2
- Dantas-Torres, F., Onofrio, V.C. & Barros-Battesti, D.M. (2009) The ticks (Acari: Ixodida: Argasidae, Ixodidae) of Brazil. *Systematic & Applied Acarology*, 14, 30–46. https://doi.org/10.11158/saa.14.1.4
- Ermilov, S.G., Alavadaro-Rodríguez, O. & Retana-Salazar, A.P. (2014) Contribution to the knowledge of Costa Rican oribatid mite fauna, with supplementary descriptions of *Pergalumna silvatica* and *P. sura* (Acari: Oribatida: Galumnidae). *Systematic & Applied Acarology*, 19, 216–222. https://doi.org/10.11158/saa.19.2.12
- McMurtry, J.A., De Moraes, G.J. & Sourassou, N.F. (2013) Revision of the lifestyles of phytoseiid mites (Acari: Phytoseiidae) and implications for biological control strategies. *Systematic & Applied Acarology*, 18, 297–320.
 - https://doi.org/10.11158/saa.18.4.1
- Nava, S., Velazco, P.M. & Guglielmone, A.A. (2010) First record of Amblyomma longirostre (Koch, 1844)(Acari: Ixodidae) from Peru, with a review of this tick's host relationships. Systematic & Applied Acarology, 15, 21–30.
 - https://doi.org/10.11158/saa.15.1.2
- Petney, T.N., Pfäffle, M.P. & Skuballa, J.D. (2012) An annotated checklist of the ticks (Acari: Ixodida) of Germany. Systematic & Applied Acarology, 17, 115–170. https://doi.org/10.11158/saa.17.2.2
- Scott, J.D. & Durden, L.A. (2015) First record of Amblyomma rotundatum tick (Acari: Ixodidae) parasitizing a bird collected in Canada. Systematic & Applied Acarology, 20, 155–161. https://doi.org/10.11158/saa.20.2.1
- Seeman, O.D. & Beard, J.J. (2011) A new species of *Aegyptobia* (Acari: Tenuipalpidae) from Myrtaceae in Australia. *Systematic & Applied Acarology*, 16, 73–89. https://doi.org/10.11158/saa.16.1.10
- Sohrabi, F. & Shishehbor, P. (2008) Effects of host plant and temperature on growth and reproduction of the strawberry spider mite *Tetranychus turkestani* Ugarov & Nikolski (Acari: Tetranychidae). *Systematic & Applied Acarology*, 13, 26–32. https://doi.org/10.11158/saa.13.1.2
- Zhang, Z.-Q. (2011) A new chapter in the development of *Systematic & Applied Acarology*. *Systematic & Applied Acarology*, 16, 336–336.
 - http://dx.doi.org/10.11158/saa.16.3.19
- Zhang, Z.-Q. (2014) Continued growth of Systematic and Applied Acarology, and hot spots and shelf life of new species in 2013. Systematic & Applied Acarology, 19, 109–112. http://dx.doi.org/10.11158/saa.19.1.9
- Zhang, Z.-Q. (2015) New development and scope for Systematic & Applied Acarology. Systematic & Applied Acarology, 20, 153–154. http://dx.doi.org/10.11158/saa.20.1.14
- Zhang, Z.-Q. (2016) The rise of Systematic & Applied Acarology during its second decade. Systematic & Applied Acarology, 21(1), 146. http://dx.doi.org/10.11158/saa.21.1.10

Accepted by Qing-Hai Fan: 13 Dec. 2016; published: 21 Dec. 2016

VOL. 21