

PASA report 2020

Stas Shabala

Editor-in-Chief, PASA



On behalf of the Editorial Board:

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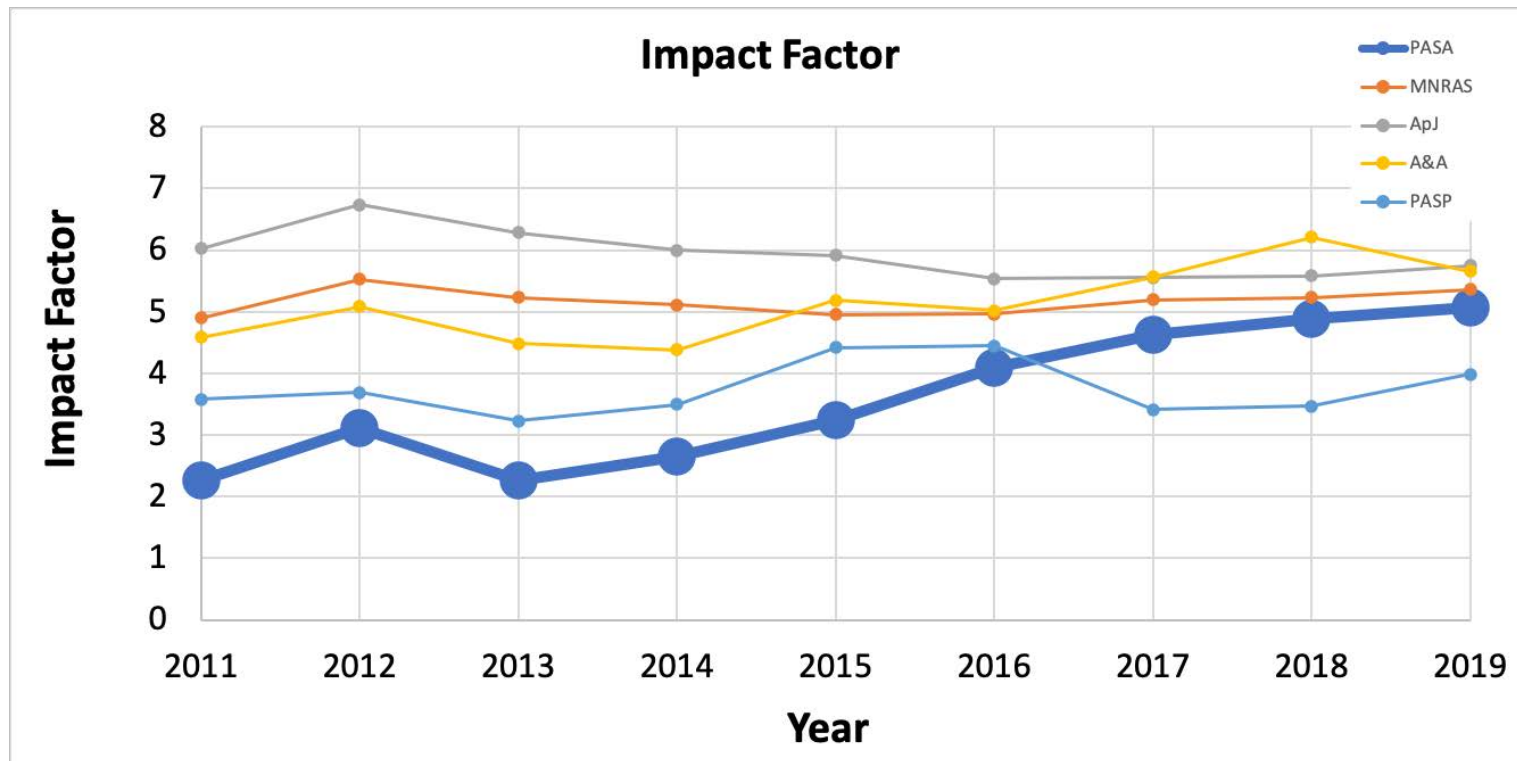
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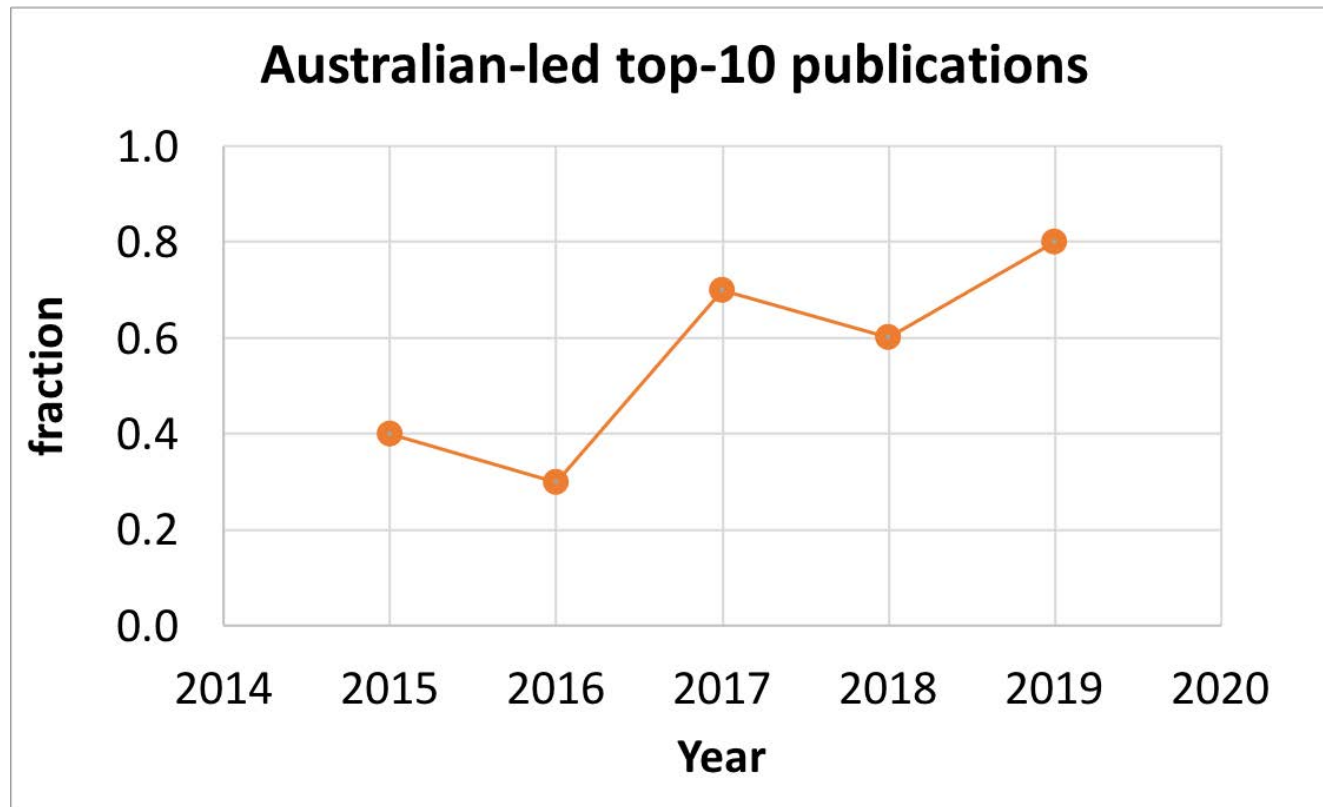
Elizabeth Woodhouse, Cambridge University Press

Why PASA ?

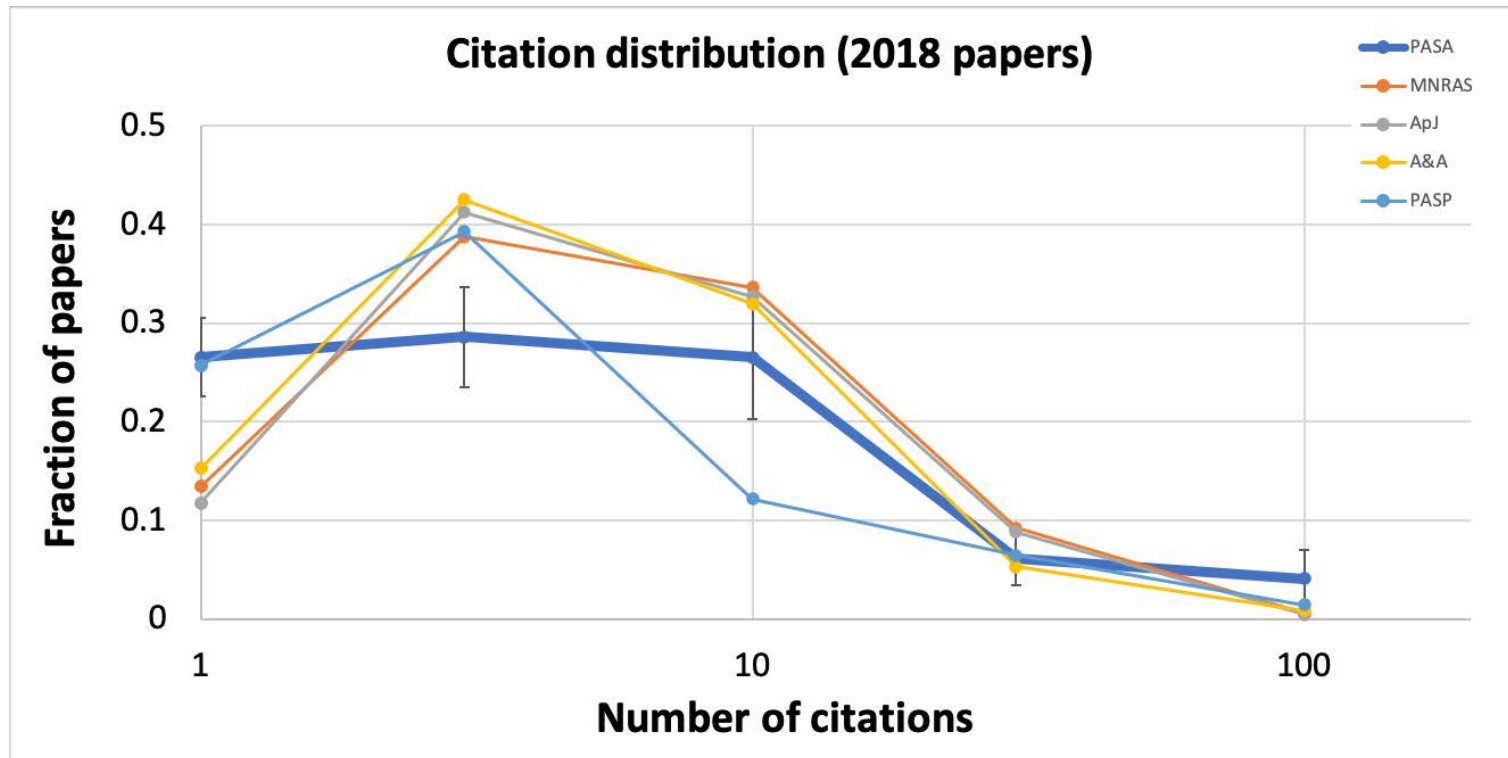
- **Society-owned.** All profits go to the ASA (PASA has returned a surplus to the ASA in the past several years).
- **Fast turnaround.** Median 33 days between submission and first decision, for papers going out to review.
- **2019 ISI Impact Factor 5.067**
- **Publish-on-demand.** Online-only, rapid publication model.
- **Free to authors.** Moving paywall model (2 years behind paywall, then all articles open access). Editorial Board select limited number of articles to be open access from day one.
- **Integrated with Overleaf** (online collaborative LaTeX authoring tool) and **Crossmark** (version tracking).
- **PASA datastore.** Publish 1Tb+ of data alongside your article free of charge.
- **Collections.** Opportunity to group together thematically-linked articles.
- Regular articles, supplement-style/code/instrumental/catalog papers, articles with an Australian/southern hemisphere focus and high profile ARA&A-style “Dawes reviews”.



IF (2019) = citations in 2019 to papers published
in 2017 and 2018



PASA's increased impact is **Australian-led** !



No difference between PASA and the “majors” at high-citing end

High-citing publications: 2018-2019

2019:

- *Titans of the early Universe: The Prato statement on the origin of the first supermassive black holes* by Woods et al. (published Aug 2019, 42 cites)
- *An introduction to Bayesian inference in gravitational-wave astronomy: Parameter estimation, model selection, and hierarchical models* by Thrane & Talbot (published March 2019, 39 cites)



2018:

- *SkyMapper Southern Survey: First Data Release (DR1)* by Wolf et al. (published Feb 2018, 127 cites)
- *Phantom: A Smoothed Particle Hydrodynamics and Magnetohydrodynamics Code for Astrophysics* by Price et al. (published Sep 2018, 108 cites)

Dawes Reviews

High profile “Annual Reviews”-style articles
reviewing a major area of astronomy and astrophysics

1. “Kinematic studies of galaxy assembly across cosmic time” by Glazebrook (2013)
2. “Nucleosynthesis and stellar yields of low and intermediate mass stars” by Karakas & Lattanzio (2014)
3. “The atmospheres of extrasolar planets and brown dwarfs” by Bailey (2014)
4. “Spiral structure in disk galaxies” by Dobbs & Baba (2014)
5. “Australian Aboriginal Astronomy” by Norris (2015)
6. “Binaries across the mass spectrum” by De Marco (2017)
7. “The tidal downsizing hypothesis of planet formation” by Nayakshin (2017)
8. “The initial mass function” by Hopkins (2018)
9. “The role of cold gas stripping on galaxy quenching across environments” by Cortese, Catinella & Smith (in prep.)

Highlights in 2020

- **Quick turnaround times.** Median 17 days from submission to first decision (33 days for papers going to review).
- **NEW! Copyright: change to “License to publish”.** Authors are no longer asked to transfer copyright for their articles.
- **NEW! Crossmark.** Access to an authoritative version of a publication, including any errata.
- **Double-blind review.** Authors are reminded that this option is available. Simply de-identify your submitted pdf, and request this in the cover letter.
- **Author tools: Overleaf and Datastore.**

Collections










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Murchison widefield array

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Research Article

- ☐ **A Census of Southern Pulsars at 185 MHz**
Part of: [Murchison Widefield Array](#)
Mengyao Xue, N. D. R. Bhat, S. E. Tremblay, S. M. Ord, C. Sobey, N. A. Swainston, D. L. Kaplan, Simon Johnston, B. W. Meyers, S. J. McSweeney
Journal: Publications of the Astronomical Society of Australia / Volume 34 / 2017
Published online by Cambridge University Press: 20 December 2017, e070
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- ☐ **Calibration and Stokes Imaging with Full Embedded Element Primary Beam Model for the Murchison Widefield Array**
Part of: [Murchison Widefield Array](#)
M. Sokolowski, T. Colegate, A. T. Sutnjo, D. Ung, R. Wayth, N. Hurley-Walker, E. Lenc, B. Pindor, J. Morgan, D. L. Kaplan, M. E. Bell, J. R. Callingham, K. S. Diwarakanath, Bi-Qing For, B. M. Gaensler, P. J. Hancock, L. Hindson, M. Johnston-Hollitt, A. D. Kapiraska, B. McKinley, A. R. Offringa, P. Procopio, L. Staveley-Smith, C. Wu, Q. Zheng
Journal: Publications of the Astronomical Society of Australia / Volume 34 / 2017
Published online by Cambridge University Press: 27 November 2017, e062
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- Science theme, Instrument, Technique
- Published continuously as articles are accepted
- Suggest your own !
- Ideal place for large projects

Summary

- PASA is doing well. IF > 5. Now firmly in the same bracket as the “majors”.
- Thanks to support from the community, through high-quality submissions and reviewing.
- Integration with Overleaf and Datastore. Double blind-reviewing available.
- Collections. Build one for your own project!
- Feedback/suggestions to Stanislav.Shabala@utas.edu.au