

Journal Pre-proof

ASTRO's Advances in Radiation Oncology in 2022

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ASTRO's Advances in Radiation Oncology in 2022

Running Title: Advances 2022

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Advances 2022

This Fall marks ASTRO's *Advances in Radiation Oncology's* seventh year of publishing. The last year has been our most successful to date with our Cite Score rising to 4.3 (see Figure #1), placing *Advances* in the top third of comparable journals. A conventional impact factor is expected to be granted in 2023.

ASTRO created *Advances* in 2015 in response to the rising demand for outlets to publish quality radiation oncology related research and limitations in the number of manuscripts that could be published in conventional paper journals. As a Gold Open Access journal, permanently freely available, *Advances* is available on a global basis to all health care professionals and scientists, as well as our patient population and their caregivers. Figure #2 demonstrates *Advances* complementary relationship with the *Red Journal* and *Practical Radiation Oncology*. Figure #3 highlights our current most downloaded articles.

We are particularly interested this year in publishing more scholarly critical reviews. Our current call for papers includes those relating to the use of radiopharmaceuticals and cybersecurity issues in radiation oncology. In recent years, disruption in care delivery from issues such as COVID-19, cyberattacks and the ongoing humanitarian crises in Ukraine (See Figure #3) and Syria, as well elsewhere, have been the focus of many of our most read articles. Two are included in this collection. A report from Istanbul by Uğurluer *et al* describes the psychosocial issues facing Ukrainian families whose children were receiving cancer care in Turkey at the onset of the War in Ukraine.¹ Flavin *et al* reports on the national impact on radiotherapy delivery after a cyberattack on the public health services of the Republic of Ireland.² Additional review papers included in this issue are a review of management of implantable devices by Chan *et al*³ and on the Abscopal effect by Hatten, *et al*.⁴

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We welcome inquiries regarding proposed review papers and encourage potential authors to contact the Editor in Chief directly at miller.robert@mayo.edu to discuss their proposal.

Our most downloaded paper at this time is a paper on breast cancer reirradiation from Fattahi *et al.*⁵

Social media focused articles and analyses of professional issues related to resident training and the job market are highly read. Included in this issue is a report characterizing Twitter influencers in radiation oncology by Valle *et al* that is one of our most highly read papers.⁶

We would like to thank the *Advances* editorial board, our reviewers, and the ASTRO community for all of their time and diligence that have been dedicated to our last seven years of success. We look forward to continued growth.

Advances is committed to diversity and inclusion on the editorial team.

Advances 2022

Table of Figures

Figure #1 – *Advances* Cite Score Value and % ranking among peer journals

Figure #2 – Scope of the ASTRO Journals

Figure #3 - Top Downloads in *Advances* in August 2022

Figure #4 - OKHMATDYT's RTTs heroes: Bohdana Bachynska (left) and Yana Kuts (right). Bohdana stayed in OKHMATDYT 24/7 to scan wounded patients and Yana serves in Ukrainian army as an emergency medical technician.⁷

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Figure #1

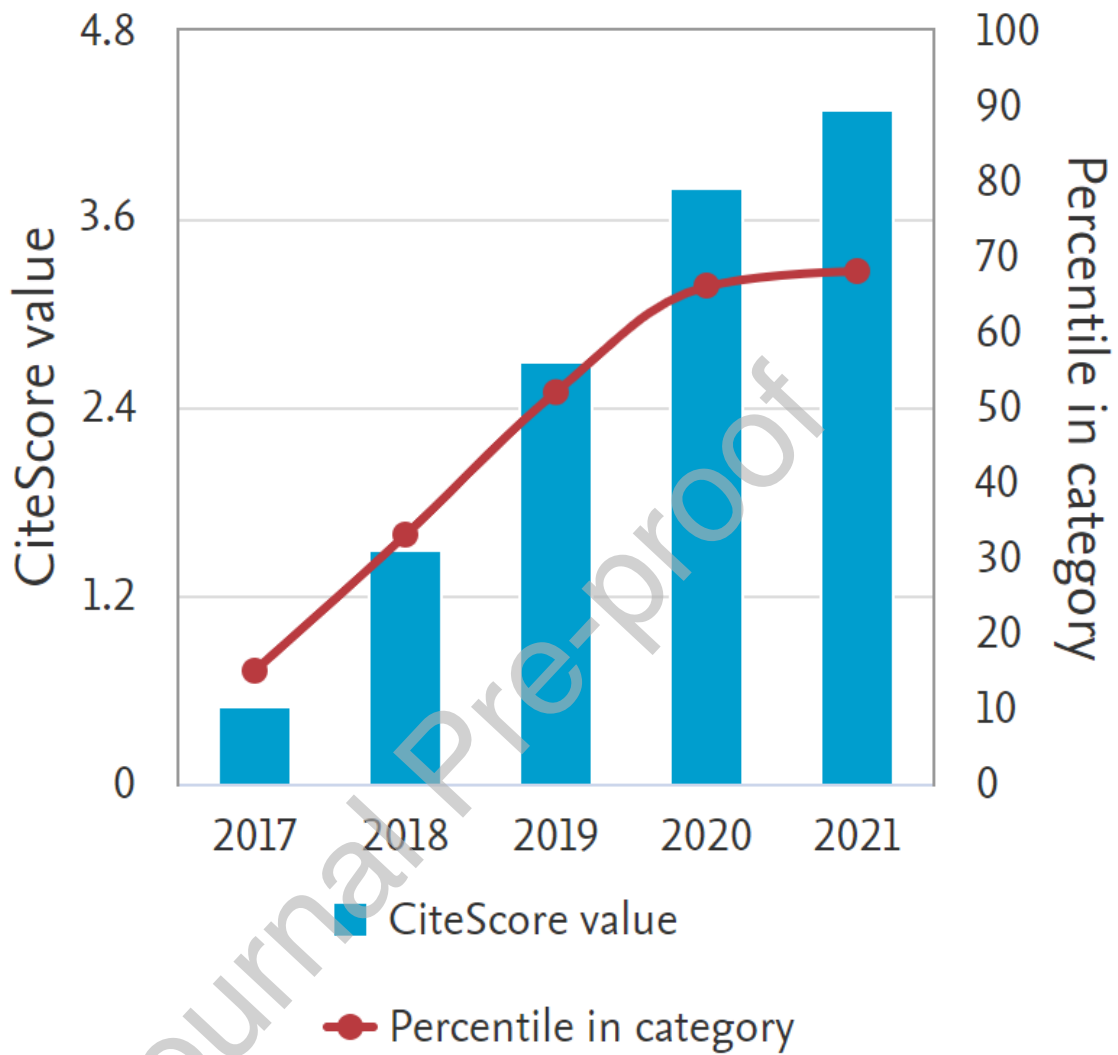


Figure #2



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Figure #3

Reirradiation for Locoregional Recurrent Breast Cancer

Sayeh Fattahi, Safia K. Ahmed and 8 more

Open Access | February 2021

Characterizing Twitter Influencers in Radiation Oncology

Luca F. Valle, Fang-I Chu and 7 more

Open Access | December 2022

Interventions for Radiation-Induced Fibrosis in Patients With Breast Cancer: Systematic Review and Meta-analyses

Regiane Mazzarioli Pereira Nogueira, Flávia Maria Ribeiro Vital, Daniel Galera Bernabé, Marcos Brasilino de Carvalho

Open Access | June 2022

ASTRO's Advances in Radiation Oncology's Top Twenty Downloads for 2021

Robert C. Miller, C. Jillian Tsai

Open Access | June 2022

A Patient-Level Data Meta-analysis of the Abscopal Effect

Steven J. Hatten, Eric J. Lehrer and 8 more

Open Access | June 2022

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Figure #4



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- ⁶ Valle, L. F., Chu, F. I., Smith, M., Wang, C., Lee, P., Moghanaki, D., Chino, F. L., Steinberg, M. L., & Raldow, A. C. (2022). Characterizing Twitter Influencers in Radiation Oncology. *Advances in radiation oncology*, 7(6), 100919. <https://doi.org/10.1016/j.adro.2022.100919>
- ⁷ Nataliya Kovalchuk , Ruslan Zelinskyi , Andrii Hanych , Yuliia Severyn , Bohdana Bachinska , Andriy Beznosenko , Oleh Duda , Roman Kowalchuk , Viktor Iakovenko , Nelya Melnitchouk , Natalka Suchowerska , Radiotherapy under the falling bombs: a tale of two Ukrainian cancer centers, *Advances in Radiation Oncology* (2022), <https://doi.org/10.1016/j.adro.2022.101027>