

Types of Cancer and Research Covered in *World Journal of Oncology*

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In the Focus and Scope section of this journal, it states that *World Journal of Oncology* publishes original contributions describing basic research and clinical investigation of cancer, on the cellular, molecular, prevention, diagnosis, therapy, translational oncology, and prognosis aspects. As such, the journal publishes manuscripts in both basic and clinical research of any cancer type. Since this is the last issue for 2022, it was deemed appropriate to summarize the publication trends of the last 3 years of our journal.

The total number of articles published in our journal has been steadily increasing each year for the last 4 years from 27 in 2019 to 47 in 2022 (Fig. 1). We expect to further increase the number of published high quality papers in the following years. In terms of article type, original articles have significantly increased particularly in 2022 (Fig. 2). This is favorable since original articles drive the field forward. On the other hand, review articles have decreased significantly from 12 in 2021 to 5 in 2022. Although they do not necessarily deliver novel discoveries, review articles are very useful to efficiently summarize essential knowledge of the field. For instance, epidemiology was reviewed in pancreatic cancer by Rawala et al [1], in prostate cancer by Cassell et al [2] and Rawala [3], in renal cell carcinoma by Padala et al [4], and in malignant melanoma by Naik [5]. Review articles also provide an opportunity to learn about the latest updates and summaries on relatively rare conditions such as male breast cancer [6], urothelial carcinoma [7], mucoepidermoid carcinoma [8], retroperitoneal

liposarcoma [9], and even on hemophagocytic lymphohistiocytosis, a relatively rare side effect of immune checkpoint inhibitor therapy [10]. There were several review articles on topics that apply to all types of cancer, such as infections in hospitalized cancer patients [11], genetic polymorphisms [12], tumor dormancy [13], and unstable psychiatric disorder [14]. To this end, we strongly encourage and welcome submission of review articles to our journal.

Number of articles published

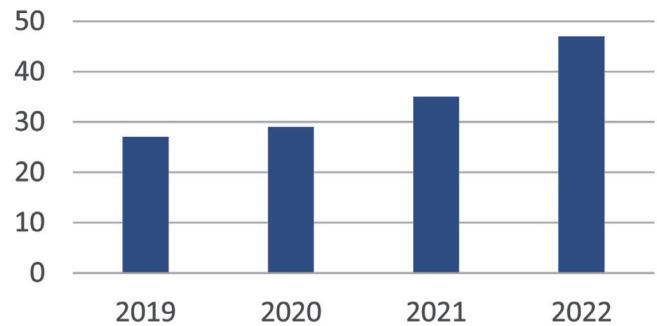


Figure 1. Number of articles published in the *World Journal of Oncology*. Blue columns show the number of articles published in the indicated year.

Article type published 2020-2022

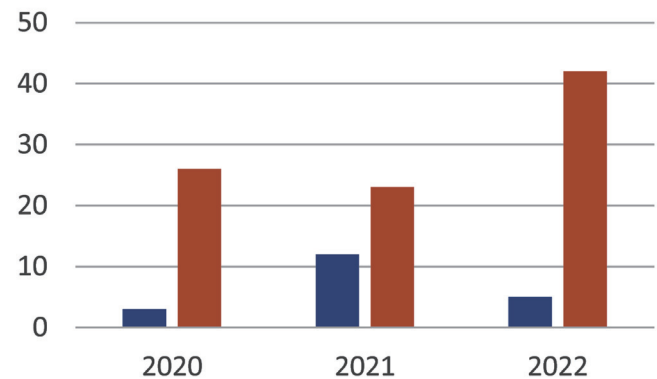


Figure 2. Numbers of articles published in the *World Journal of Oncology* by the article type (2020 - 2022). Blue columns show the review articles, and orange columns show the original articles, published in the indicated year.

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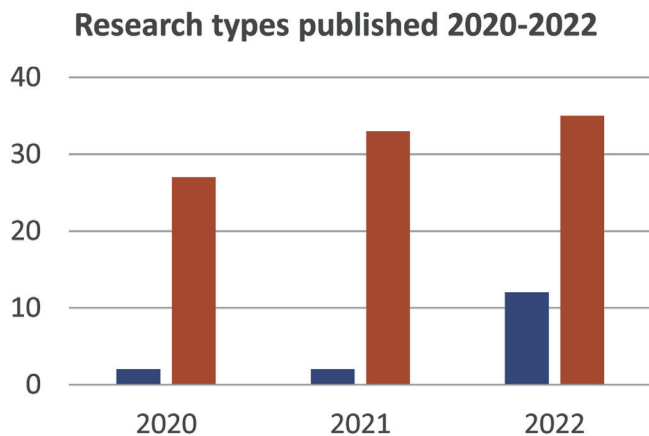


Figure 3. Numbers of articles published in the *World Journal of Oncology* by the research type (2020 - 2022). Blue columns show the basic research articles, and orange columns show the clinical research articles, published in the indicated year.

The type of research publication that increased during the last 3 years was basic research articles, increasing from 2 in 2020 and 2021, to 12 in 2022 (Fig. 3). This year we have published multiple impressive basic research reports. For example, Bai et al reported that a cuproptosis-related signature identified the gene DLAT as a prognostic biomarker for hepatocellular carcinoma [15], where cuproptosis is a copper-induced novel form of programmed cell death that was just reported in the journal *Science* this year [16]. Peng et al reported the sialidase NEU1 as a biomarker in melanoma [17]. Liu et al found that promoter gene methylation regulates COX2 expression in prostate cancer [18], and Kurdi et al found that MRMT-promoter methylation associates with tumor-associated macrophages in advanced astrocytomas [19].

The number of articles and the cancer types are shown as Figure 4. The numbers roughly reflect the commonality of the cancer types, apart from common cancers like colorectal cancer and skin cancer including melanoma, about which few papers were published. In terms of the topics, our journal

publishes articles that highlight racial and ethnic diversity [4, 20-29] as we mentioned previously [30]. In addition, we have noticed that there has been a huge increase in cancer immunology and immunotherapy interest. On immune checkpoint inhibition alone, Minami et al reported that sarcopenia and visceral adiposity did not affect its efficacy in lung cancer [31], Aly et al reported its use in sarcomatoid renal cell carcinoma [32], Tarekegn et al reported its use in relapsed/refractory classical Hodgkin lymphoma [33], Li et al reported its surrogate endpoints for gastro-esophageal carcinoma [34], and Rajapakse et al summarized one of its side effects [10]. Given the global pandemic of COVID-19 starting from 2020, our journal published three articles on this topic. Wu et al reviewed the impact of the COVID-19 pandemic on the lung cancer community [35], Hassan et al reported a case of a rare scalp leiomyosarcoma with a significantly delay in diagnosis and management because the patient did not seek medical attention for several months due to a combination of fear and decreased appointment availability [36], and Wang et al reported on COVID-19 vaccination in Chinese breast cancer patients [37].

In summary, *World Journal of Oncology* has been expanding the number, cancer types, and article topics throughout the COVID-19 pandemic, and will continue to do so in the coming years.

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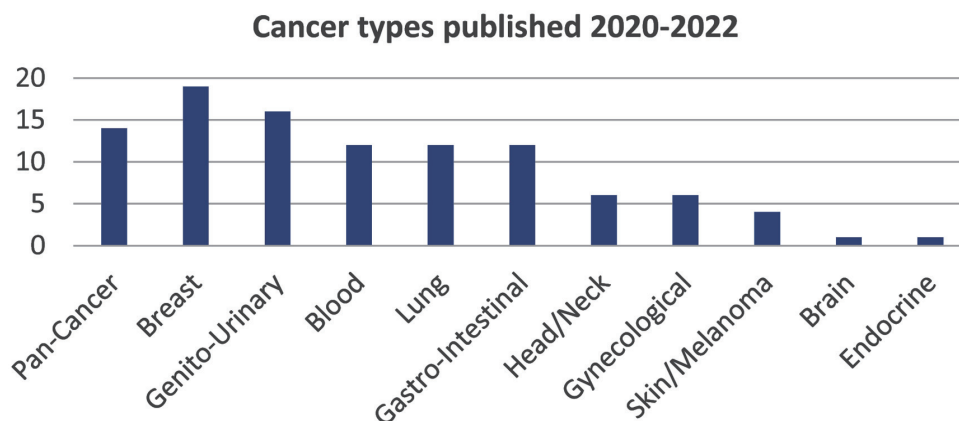


Figure 4. Numbers of articles published in the *World Journal of Oncology* by the cancer type (2020 - 2022). Blue columns show the number of articles published in the indicated cancer type.

Conflict of Interest

None to declare.

Author Contributions

Conceptualization and design of study, and data acquisition: KT. Editing of the paper: KT and MGKB.

Data Availability

The authors declare that data supporting the findings of this study are available within the article.

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