

TRANSLATIONAL CANCER RESEARCH

ANNUAL REPORT
2023

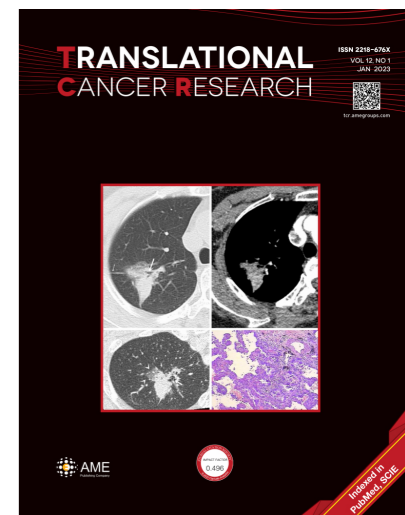


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1. Basic Information

- Open Access
- Peer Reviewed
- Launched in June 2012
- Indexed in **SCIE** and **Scopus** in 2015
- Indexed in **PubMed/PMC**
- Published Bi-monthly (Jun. 2012 - Aug. 2019), monthly (Sep. 2019 -)
- Publishing the results of novel research investigations which bridge the laboratory and clinical settings with the overall goal of improving the clinical care of cancer patients.



2. Editors-in-Chief

Editor-in-Chief



Eric Y Chuang, ScD, EMBA
Graduate Institute of Biomedical
Electronics and Bioinformatics
National Taiwan University, Taipei,
Taiwan

Co-Editor-in-Chief



Huan Giap, MD, PhD
University of Miami Sylvester
Comprehensive Cancer Center, Miami, FL;
University of California at San Diego

➤ **Message from Editors-in-Chief**

On behalf of the TCR editorial team, we would like to express sincere appreciation for the continuing support and contributions from all editorial board members, guest editors, authors, reviewers and readers etc. Looking forward to work more closely with you in the new year 2024!



Eric Y Chuang, Sc.D

EIC of TCR

Professor, Graduate Institute of
Biomedical Electronics and
Bioinformatics

National Taiwan University,
Taipei, Taiwan



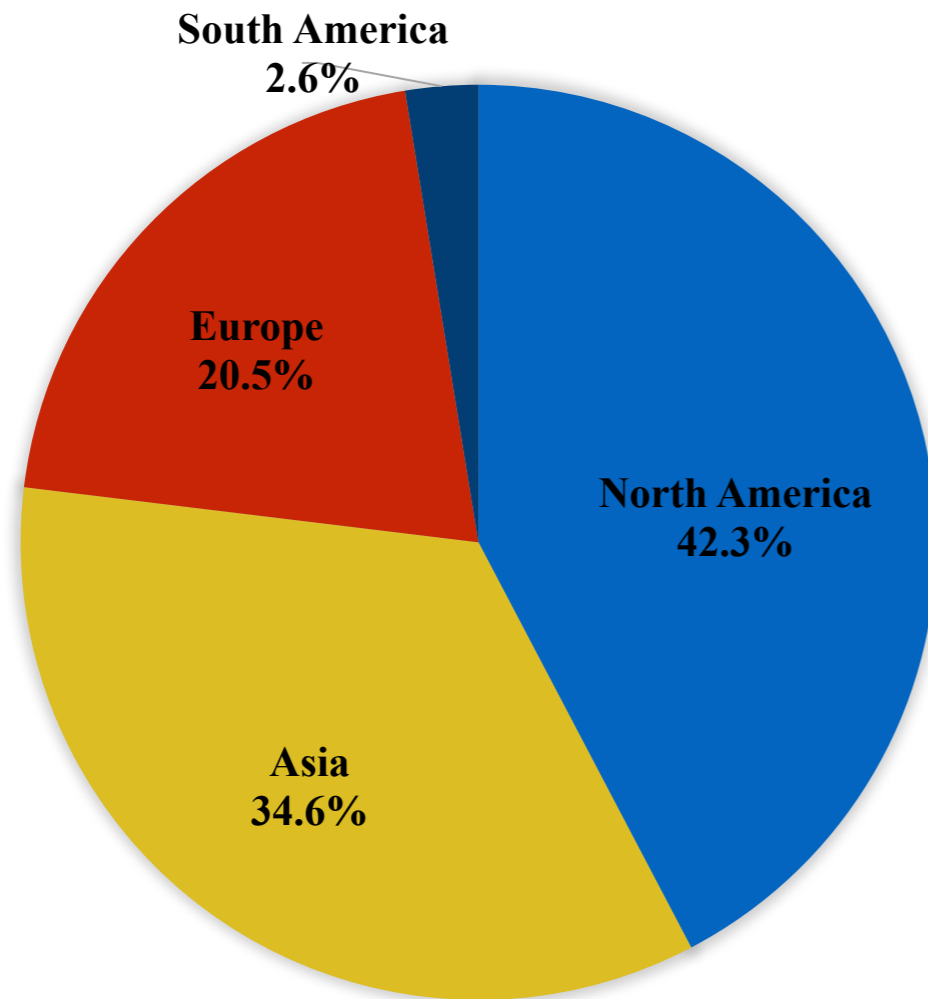
Huan Giap, MD, PhD

Co-EIC of TCR

Associate Professor, Dept of Radiation
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Adjunct Clinical Professor, Department of
Radiation Medicine and Applied Sciences,
University of California at San Diego

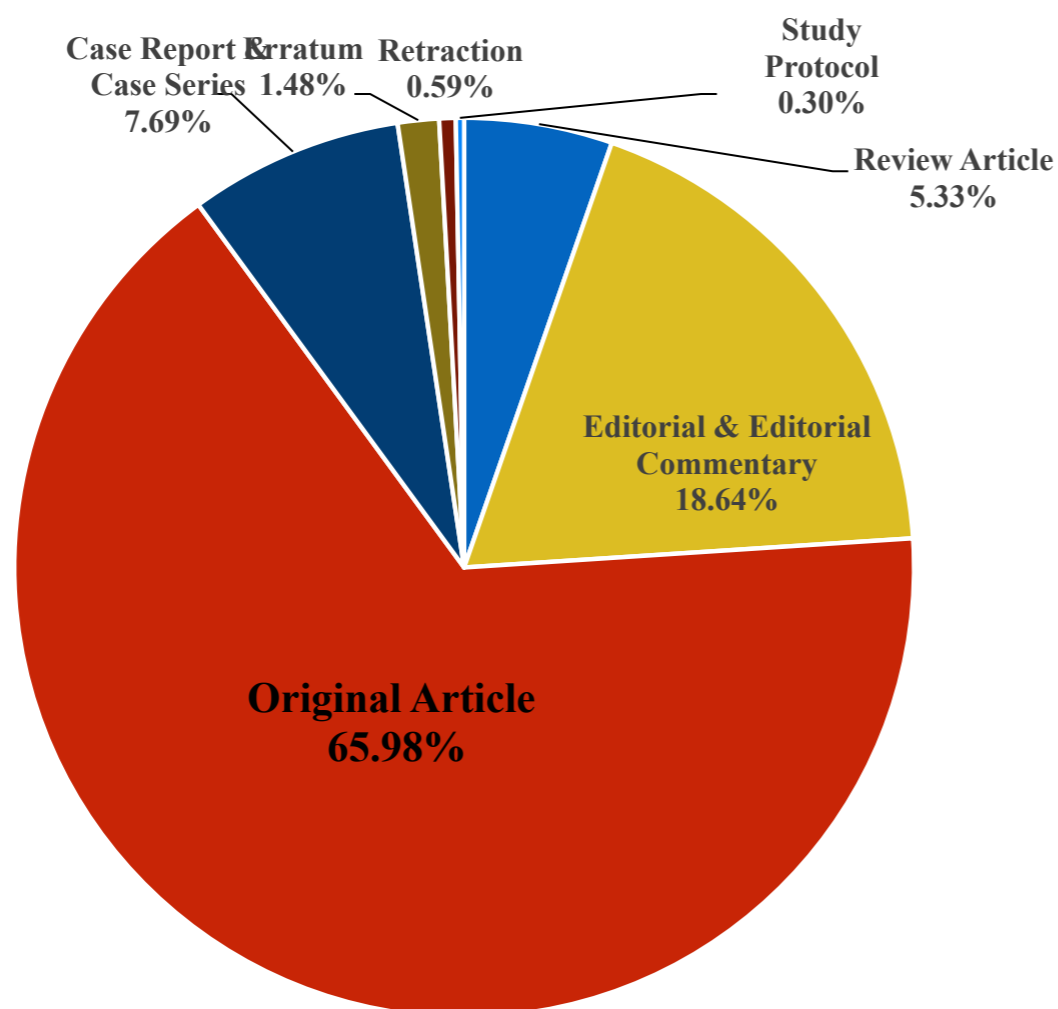
3. Geographical Distribution of Editorial Board Members



All together **78** worldwide experts being the editorial board members:

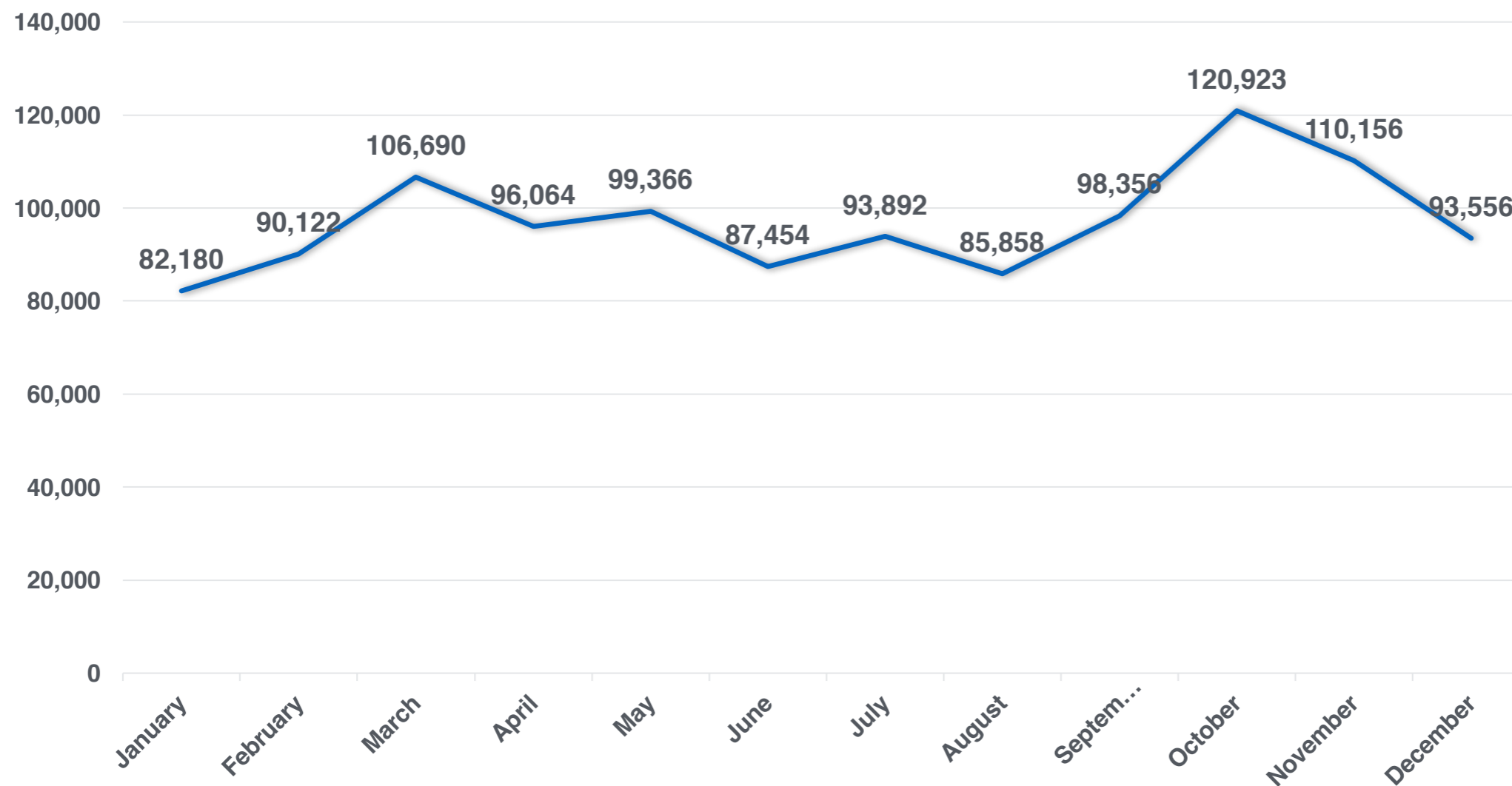
- 1 Editor-in-Chief
- 1 co-Editor-in-Chief
- 4 Associate Editors-in-Chief
- 72 Editorial board members

4. Diverse Types of Articles Published in 2023



In 2023, TCR has published **338** articles and the proportion of Original Article and Review Article takes up to **71.3%**.

5. Website Visits and Pageviews of Website in 2023

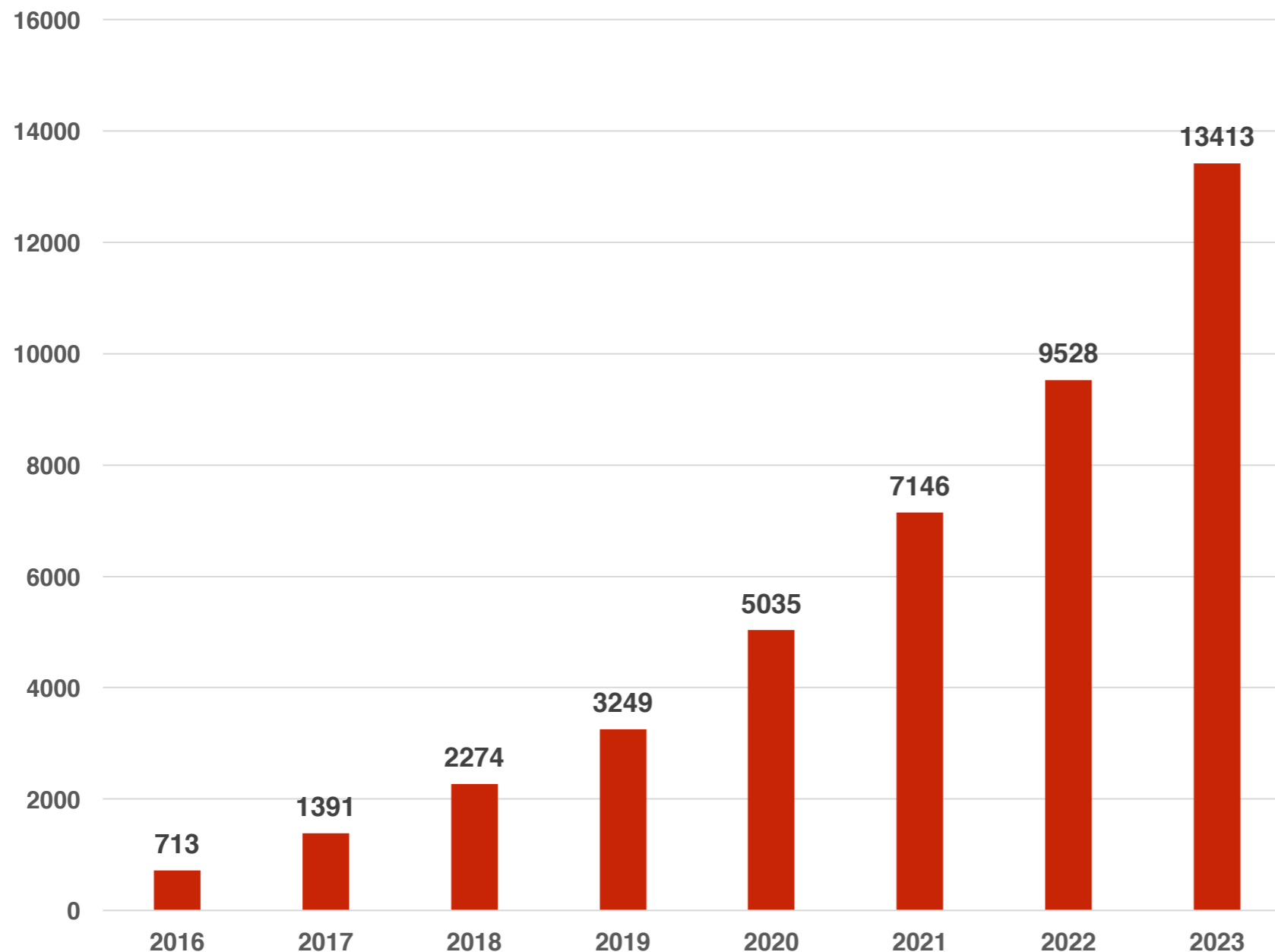


Altogether **450,423** visitors in 2023, and the total pageviews is **1,164,617**.

In Oct 2023, monthly pageviews of TCR reached its highest in 2023--**126,923**.

(Note: Data were collected from Google Analytics on Jan. 4, 2024.)

6. Citations (results by year)



The citation of TCR has been increasing steadily.

Since TCR was launched, its articles have been cited **13,413** times by articles indexed in Web of Science Core Collection.

(Note: Data were collected from Web of Science™ on Jan 4, 2024).

7. Top 10 Most Cited Articles Published in 2023

Title	All authors	Total Citations
DNA double strand break repair via non-homologous end-joining	Anthony J. Davis, David J. Chen	378
Cancer biomarker discovery and validation	Nicolas Goossens, Shigeki Nakagawa, Xiaochen Sun, Yujin Hoshida	341
Nanoparticles in radiation therapy: a summary of various approaches to enhance radiosensitization in cancer	Deep Kwatra, Anand Venugopal, Shrikant Anant	277
DNA damage tolerance: a double-edged sword guarding the genome	Gargi Ghosal, Junjie Chen	159
Exosomal lncRNAs as new players in cell-to-cell communication	Mihnea Dragomir, Baoqing Chen, George A. Calin	123

Note: Data were collected from Web of Science™ on Jan 4, 2024.

7. Top 10 Most Cited Articles Published in 2023

Title	All authors	Total Citations
Normal tissue protection for improving radiotherapy: where are the Gaps?	Pataje G.S. Prasanna, Helen B. Stone, Rosemary S. Wong, Jacek Capala, Eric J. Bernhard, Bhadrasain Vikram, C. N. Coleman	106
Liquid biopsy for cancer screening, patient stratification and monitoring	Graham Brock, Elena Castellanos-Rizaldos, Lan Hu, Christine Coticchia, Johan Skog	105
MDM2 and MDMX: alone and together in regulation of p53	Miriam Shadfan, Vanessa Lopez-Pajares, Zhi-Min Yuan	105
Prostate cancer radiomics and the promise of radiogenomics	Radka Stoyanova, Mandeep Takhar, Yohann Tschudi, John C. Ford, Gabriel Solórzano, Nicholas Erho, Yoganand Balagurunathan, Sanoj Punnen, Elai Davicioni, Robert J. Gillies, Alan Pollack	97
Tumor microenvironment and nanotherapeutics	Meenakshi Upreti, Amar Jyoti, Pallavi Sethi	96

Note: Data were collected from Web of Science™ on Jan 4, 2024.

8. Top 10 Most Viewed Articles Published in 2023

Title	All authors	Pageviews
Ferroptosis and cuproptosis prognostic signature for prediction of prognosis, immunotherapy and drug sensitivity in hepatocellular carcinoma: development and validation based on TCGA and ICGC databases	Qi Ma, Yuan Hui, Bang-Rong Huang, Bin-Feng Yang, Jing-Xian Li, Ting-Ting Fan, Xiang-Chun Gao, Da-You Ma, Wei-Fu Chen, Zheng-Xue Pei	3790
Bartholin's gland carcinoma—the diagnostic and management challenges of a rare malignancy—a case report and review of current literature	Susan Addley, Negin Sadeghi, Sarah Louise Smyth, Catherine Johnson, Stephen Damato, Hooman Soleymani majd	3467
Development of a novel angiogenesis-related lncRNA signature to predict the prognosis and immunotherapy of glioblastoma multiforme	Binbin Zhang, Yaling Cheng, Ruichun Li, Minxue Lian, Shiwen Guo, Chen Liang	2142
Integrated analysis of single-cell and bulk transcriptome identifies a signature based on NK cell marker genes to predict prognosis and therapeutic response in clear cell renal cell carcinoma	Ke Wang, Mingyang Yu, Zhouzhou Zhang, Rong Yin, Qifeng Chen, Xuezhi Zhao, Hongqi Yu	2118
Development and validation of nomograms to predict early death in non-small cell lung cancer patients with brain metastasis: a retrospective study in the SEER database	Feng Yang, Lianjun Gao, Qimin Wang, Wei Gao	2073

Note: Data were collected from Web of Science™ on Jan 4, 2024.

8. Top 10 Most Viewed Articles Published in 2023

Title	All authors	Pageviews
The stool syndecan2 methylation test is more robust than blood tests for methylated septin9, CEA, CA19-9 and CA724: a diagnostic test for the early detection of colorectal neoplasms	Yixiang Zhan, Shuyuan Wang, Zhen Yuan, Xuanzhu Zhao, Kemin Ni, Ran Xin, Xingyu Zhou, Zhaoce Liu, Xin Yin, Hangyu Ping, Yaohong Liu, Wanting Wang, Suying Yan, Qiurong Han, Xipeng Zhang, Qinghuai Zhang, Yandi Liu, Chunze Zhang	1967
A narrative review about CDK4/6 inhibitors in the setting of drug resistance: updates on biomarkers and therapeutic strategies in breast cancer	Shidi Zhao, Haochen Zhang, Na Yang, Jin Yang	1931
Cuproptosis-related lncRNAs forecast the prognosis of acute myeloid leukemia	Tong Zhang, Danying Liao, Yu Hu	1880
Screening of novel biomarkers for breast cancer based on WGCNA and multiple machine learning algorithms	Xiaohu Jin, Zhiqi Huang, Peng Guo, Ronghua Yuan	1820
Extracellular matrix-based gene signature for predicting prognosis in colon cancer and immune microenvironment	Ruoyang Chai, Zhengjia Su, Yajie Zhao, Wei Liang	1813

Note: Data were collected from Web of Science™ on Jan 4, 2024.

9. Ongoing Special Series

① *Current Status of Robotic Surgery for Genitourinary Diseases in Japan*

GUEST EDITOR



TAKUYA KOIE



Scan to learn the
series outline

10. Reviewer of the Month (2023)

In 2023, TCR reviewers continue to make outstanding contributions to the peer review process. Hereby, we would like to highlight some of our outstanding reviewers. Allow us to express our heartfelt gratitude for their tremendous effort and valuable contributions to the scientific process.

March, 2023

Xavier Adhoute



Dr. Xavier Adhoute is a hepatogastroenterologist and digestive oncologist. He has been working at Hôpital Saint Joseph in Marseille, France since 2008 with a great paramedical team. The department is organized into four areas: the inpatient unit, the endoscopy unit, the consulting unit, and the clinical research unit. His department is particularly involved in the management of tumoral and non-tumoral hepatobiliary diseases. Dr. Adhoute's activity is structured as follows: patient management, training delivered to young doctors, completion and updating regional and national databases on hepatobiliary diseases, writing and reviewing articles.

When Dr. Adhoute starts a review, his first question is: *"Am I convinced or not by this manuscript? And I'd justify my decision the best I can"*. To do this, he reads the manuscript several times, and questions his statistician colleague, as methodology is an essential and sometime attaches singular importance to the discussion part, and does not hesitate to re-reject is sometimes to improve the manuscript, if necessary, especially in the case of rejection. *must be constructive. Some authors have become true writing professionals, but not because we are first and foremost clinicians, and I think we must deal with this exercise with humility."*

While conducting a review, Dr. Adhoute believes that one must always remember how much time and effort go into writing. Reviewing is a rigorous, methodical and altruistic exercise. Therefore, even though the burden of being a clinician and restraints him from peer reviewing during weekdays, he tries to squeeze time to do most of his proofreading on weekend.

Lastly, from a reviewer's point of view, Dr. Adhoute stresses that it is important for authors to specify any potential conflict of interest. He also believes that the ethical and integrity-based commitment to one's profession goes beyond that. In view of this, security.

July, 2023

Prapaporn Suprasert



Dr. Prapaporn Suprasert is a renowned specialist in gynecologic oncology. Graduating from Chiang Mai University's Faculty of Medicine in 1989, she embarked on a distinguished career. After three years as a general doctor at Fang Hospital, she pursued a specialization in Obstetrics & Gynecology, earning a Thai Board of Obstetrics & Gynecology diploma in 1995 and a Thai Sub-board of Gynecologic Oncology diploma in 2002. Joining Chiang Mai University's Faculty of Medicine in 1997, Dr. Suprasert became a staff member, later ascending to Head of the Division of Gynecologic Oncology in 2005 and Head of the department from 2017 to 2019. In 2004, she enhanced her expertise as a visiting doctor at the National Cancer Center, in Tokyo, Japan. With over 100 PubMed articles to her name, Dr. Suprasert is a respected academic. She has also been an Associate Professor since 2005 and an active member of the Thai Gynecology Oncology Society, with a core expertise in gynecologic cancer especially in ovarian and vulva. Her contributions have significantly advanced the field and improved women's healthcare.

As a reviewer, Dr. Suprasert tries to minimize the potential biases during a review. She employs two effective practices: blind review and reviewer guidelines.

To allocate time for peer review as a scientist/doctor, Dr. Suprasert prioritizes it in her schedule, and set realistic limits on the number of reviews she accepts. She also communicates openly with journal editors and uses time management techniques to ensure she provides high-quality reviews while managing her other responsibilities.

In addition, Dr. Suprasert reckons that it is crucial for authors to share their research data. She believes data sharing promotes transparency, enables reproducibility, fosters collaboration, accelerates innovation, and fulfills ethical and legal obligations, ultimately advancing knowledge and addressing critical societal challenges.

11. Interviews with Outstanding Authors (2023)

In 2023, many authors make outstanding contributions to our journal. Their articles published with us have received very well feedback in the field and stimulate a lot of discussions and new insights among the peers. Hereby, we would like to highlight some of our outstanding authors who have been making immense efforts in their research fields.

Hanna Siiskonen



Dr. Hanna Siiskonen, MD, PhD, MSc (molecular biology), is a specialist in dermatology and allergology. Currently, she specializes in pathology at the Kuopio University Hospital (KUH), Finland. Her research group led by Prof. Ilkka Harvima at the Department of Dermatology, KUH and University of Eastern, Finland, investigates the pathogenesis and epidemiology of skin cancers. A few years ago, they established a regional skin cancer prevention program in Eastern Finland. The aim of the program is to explore the epidemiology and to find novel preventive measures for skin cancers. In research, Dr. Siiskonen deals with the follow-up program and studies the role of mast cells in melanoma.

In Dr. Siiskonen's opinion, a good academic paper is a well written and concise entity. It has a well-defined research question that has its background clearly explained. Materials and methods are up to date and written out in sufficient detail. Results are presented with clarifying tables and figures. Discussion should keep its focus too and compare the current results to previous data. The discussion should state what the current results add to our knowledge on the topic and also speculate the possible future steps. Perhaps the speculations could be even more open-minded to really allow for new research ideas, broad scientific communication on the topic and innovations.

To ensure one's writing is critical, Dr. Siiskonen believes it is very important that one tries to stay objective. Acknowledging the fact that it is difficult to be critical of one's writing helps one to stay alert. One should evaluate one's writing continuously when writing. It is also good to take a break from one project and the writing process every now and then and to focus on something else. After the break, the text may be easier to observe critically and modify accordingly. In addition, writing the paper together with the research group helps as the text is modified by many. Lastly, she believes the review process of journals aids in developing a critical view of one's writing.

From an author's perspective, Dr. Siiskonen highlights that it is important for authors to follow reporting guidelines (e.g. STROBE, PRISMA and CARE) during the preparation of manuscripts. Those guidelines improve the quality of scientific papers and improving quality should be something we always aim at. They also ensure that necessary aspects of reporting are considered. As the guidelines help ensure the high quality of papers, which are the public products of our work, they also make scientific papers more reliable and hopefully are taken into account when research funding and other resources are allocated. Keeping those guidelines in mind already from the start helps the reporting process.

"Research should be fun and rewarding. It is usual that you must work hard and wait for the progress. At its best, the progress is worth the work. I think that the focus should not be that much on defined end points and big goals but rather on the small steps, solving problems and finding solutions. Research should be team work with nice peers. As the old saying goes, one should aim at enjoying the journey and who one travels with and not just the destination. Research should not be the only focus in one's life. Having also other interests keeps things, and life, in their reasonable perspective," says Dr. Siiskonen.

Kian C. Banks



Dr. Kian C. Banks is currently on a research fellowship through his home institution, UCSF-East Bay, USA. He obtained his undergraduate degree at the University of California, Los Angeles, USA, in 2013 and his medical degree at the Keck School of Medicine of the University of Southern California, USA, in 2018. As part of his current fellowship, he works closely with Dr. Jeffrey Velotta, a thoracic surgeon at Kaiser Permanente Oakland Medical Center, USA. Their recent focuses within thoracic outcome research have included disparities in thoracic surgery, outcomes/characteristics among patients who have never smoked, and the optimal time to surgery to improve oncologic outcomes. Connect with Dr. Banks on [Twitter](#).

Dr. Banks thinks academic writing is essential because it is the language researchers use to transmit scientific findings to readers. Without a clear and concise way of explaining the findings, the impact or message of the findings can be lost or misinterpreted. He further elaborates that the data may be excellent, but if not presented well, important points may be missed.

In order to ensure the writing is critical, Dr. Banks thinks first of all, it is crucial to know what one's research adds to the field. He points out that this must be made entirely clear to the readers by showing the current gap in literature and how the present study fills that gap. Second, it is also important to understand the experience level of the primary audience for the paper being written. In this way, time can be saved on explaining the background information that the readership may already be familiar with. References should be made to prior literature, but the point of the paper should not be a literature review in addition to presenting a new study. Third, he points out it is just as important to understand and state the limitations of the study. This helps guide readers in interpreting results and trying to understand how they can be applied to clinical practice. Authors should strive to avoid overstating their results and rather present the data clearly so that the results can speak for themselves. Finally, he says, after completing a draft, the comments of the study's co-authors are critical. Not only do the co-authors bring their own writing experience, but they also offer a fresh set of eyes. Viewing their comments or edits objectively and using them constructively tend to lead to a much more polished paper.

Speaking of time allocation for writing papers, Dr. Banks shares that when he is clinically active, the key to continuing to write is consistency. Allocating time for writing at least once a week helps maintain the progress. It is important to understand that one is not likely to sit down and write an entire manuscript in one session. Breaking the process down into smaller, easier-to-tackle pieces can help. He gives examples like collecting references, writing different parts such as the methods or the results, etc. are smaller tasks that can be easier and less daunting to tackle when time is limited.

Finally, regarding data sharing, Dr. Banks thinks it presents exciting possibilities for research to move forward. The sharing of data allows for greater transparency and likely more collaboration. However, he emphasizes that there are several important considerations, *"The process should be standardized as much as possible to avoid misinterpretation of results. Also, patient privacy must be protected at all costs and the sharing of such clinical data likely warrants approval by the necessary ethics committee as well as the institution where the research is performed,"* he says.

12. Introduction of the Publisher AME

Our Publisher—

AME Publishing Company

www.amegroups.com

- Established in 2009
- Registered in Hong Kong
- 10 offices around the world

- **60+** peer-reviewed journals
 - **19** indexed by Web of Science(SCIE/ESCI)
 - **20** indexed in PubMed/PMC/MEDLINE

- **200+** Medical Books
- **80+** Medical Books in English
- **120+** Medical Books in Chinese
- **150+** Electronic Editions

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