

World Journal of *Gastroenterology*

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ABOUT COVER

Editorial Board Member of *World Journal of Gastroenterology*, Masahiro Iizuka, MD, PhD, Director, Akita Health Care Center, Akita Red Cross Hospital, 3-4-23 Nakadori, Akita-shi, Akita 010-0001, Japan.
maiizuka@woody.ocn.ne.jp

AIMS AND SCOPE

The primary aim of *World Journal of Gastroenterology* (WJG, *World J Gastroenterol*) is to provide scholars and readers from various fields of gastroenterology and hepatology with a platform to publish high-quality basic and clinical research articles and communicate their research findings online. WJG mainly publishes articles reporting research results and findings obtained in the field of gastroenterology and hepatology and covering a wide range of topics including gastroenterology, hepatology, gastrointestinal endoscopy, gastrointestinal surgery, gastrointestinal oncology, and pediatric gastroenterology.

INDEXING/ABSTRACTING

The WJG is now abstracted and indexed in Science Citation Index Expanded (SCIE, also known as SciSearch®), Current Contents/Clinical Medicine, Journal Citation Reports, Index Medicus, MEDLINE, PubMed, PubMed Central, Scopus, Reference Citation Analysis, China National Knowledge Infrastructure, China Science and Technology Journal Database, and Superstar Journals Database. The 2022 edition of Journal Citation Reports® cites the 2021 impact factor (IF) for WJG as 5.374; IF without journal self cites: 5.187; 5-year IF: 5.715; Journal Citation Indicator: 0.84; Ranking: 31 among 93 journals in gastroenterology and hepatology; and Quartile category: Q2. The WJG's CiteScore for 2021 is 8.1 and Scopus CiteScore rank 2021: Gastroenterology is 18/149.

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Baishideng's Reference Citation Analysis database announces the first Journal Article Influence Index of 101 core journals and a list of high-quality academic journals in gastroenterology and hepatology

Jin-Lei Wang, Yu-Jie Ma, Li Ma, Na Ma, Diao-Mei Guo, Lian-Sheng Ma

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Peer-review report's scientific quality classification

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Grade B (Very good): B
Grade C (Good): 0
Grade D (Fair): 0
Grade E (Poor): 0

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Jin-Lei Wang, Yu-Jie Ma, Li Ma, Na Ma, Diao-Mei Guo, Lian-Sheng Ma, Baishideng Publishing Group Inc, Pleasanton, CA 94566, United States

Corresponding author: Lian-Sheng Ma, Doctor, Founder and CEO, Baishideng Publishing Group Inc, 7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, United States. l.s.ma@baishideng.com

Abstract

After three rounds of rigorous evaluation of core journals in gastroenterology and hepatology conducted by the *Reference Citation Analysis (RCA)* editorial team of Baishideng Publishing Group (Baishideng), the *RCA* database of Baishideng officially released the 2022 *Journal Article Influence Index (2022 JAI)* of 101 core journals in gastroenterology and hepatology, for the first time. The list of 101 core journals can be found at: <https://www.referencecitationanalysis.com/Search-Journal>. Among them, the highest 2022 *JAI* is 48.014 and the lowest is 3.900. This article highlights the top 20 journals, describes the calculation method for the 2022 *JAI*, the evaluation process, and the inclusion principles for journals in the *RCA*. These steps are the underpinning of the *RCA*'s empirical journal academic evaluation service by which the digital platform addresses the needs of authors to select reliable journals for submission, readers to select high-quality literature for reading, and editors to track their own journal citation performance. As such, the *RCA* core journal list will serve as a useful Find-a-Journal tool. Any interested party is welcome to use this journal list and recommend it to their peers.

Key Words: *Reference Citation Analysis*; *Journal Article Influence Index*; Gastroenterology and hepatology; Journal list; Find a journal; Announcement

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Core Tip: The *Reference Citation Analysis (RCA)* database of Baishideng Publishing Group officially released the 2022 *Journal Article Influence Index (2022 JAI)* of 101 core journals in gastroenterology and hepatology, for the first time. This article highlights the top 20 journals, describes the calculation method for the 2022 *JAI*, evaluation process and inclusion principles. The *RCA* journal academic evaluation service platform addresses the needs of authors to select reliable journals for submission, readers to select high-quality literature for reading, and editors to track their own journal citation performance, effectively serving as a useful Find-a-Journal tool. You are welcome to use this journal list and recommend it to your peers.

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INTRODUCTION

We are very pleased to announce that the *Reference Citation Analysis (RCA)* database of Baishideng Publishing Group (Baishideng) has, for the first time, officially released the 2022 *Journal Article Influence Index (2022 JAI)* of 101 core journals in the field of gastroenterology and hepatology on August 8, 2022. A total of 101 core journals in gastroenterology and hepatology can be found at: <https://www.referencecitationanalysis.com/SearchJournal>.

RCA is an artificial intelligence technology-based open multidisciplinary citation analysis database. It was carefully designed to lead the development of wisdom, knowledge innovation, and emerging disciplines[1]. As such, the functions of *RCA* include: Find an Article (54753299), Find a Category (254), Find a Journal (14087), Find a Scholar (631), and Find an Academic Assistant (15). *RCA* updates its list of journals daily, according to relevant data including total number of articles, total citations, and the *JAI*. *RCA* acquires newly released abstracts and references from Crossref and adds them to the *RCA* database weekly. *RCA* also acquires abstracts and references released within the calendar year from Crossref and adds them to the *RCA* database monthly, and then updates the total number of articles, citations, and *JAI* accordingly. Herein, we introduce the top 20 2022 *JAI* from the total 101 core journals in the field of gastroenterology and hepatology included in *RCA*, the calculation method for the 2022 *JAI*, and the evaluation process and the inclusion principles of *RCA* journals.

TOP 20 2022 JAI JOURNALS IN THE FIELD OF GASTROENTEROLOGY AND HEPATOLOGY INCLUDED IN THE RCA

The *RCA* classifies academic journals with a *JAI* of 20.0 or above as high quality academic journals, which will be highly recommended to authors and readers. There are 101 core journals in the field of gastroenterology and hepatology in the *RCA*, of which 20 were identified to be high quality academic journals, accounting for 19.8%. These 20 journals are listed below.

2022 JAI and rankings of Seminars in Liver Disease

In the *RCA* database, the 2022 *JAI* for *Seminars in Liver Disease* is 48.014, ranking 1st among 101 core journals in the field of gastroenterology and hepatology included in the *RCA*, with a total of 83641 citations (28/101) and a total of 1742 articles (50/101) (Figure 1). For more information on *Seminars in Liver Disease*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Hepatology

In the *RCA* database, the 2022 *JAI* for *Hepatology* is 43.054, ranking 2nd among 101 core journals in the field of gastroenterology and hepatology included in the *RCA*, with a total of 1169100 citations (2/101) and a total of 27154 articles (2/101) (Figure 2). For more information on *Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Gastroenterology

In the *RCA* database, the 2022 *JAI* for *Gastroenterology* is 37.170, ranking 3rd among 101 core journals in the field of gastroenterology and hepatology included in the *RCA*, with a total of 1711173 citations (1/101) and a total of 46037 articles (1/101) (Figure 3). For more information on *Gastroenterology*, please



Figure 1 2022 Journal Article Influence Index and rankings of Seminars in Liver Disease. The image of the journal cover is originally from the home page of the journal: <https://www.thieme.in/seminars-in-liver-disease>.



Figure 2 2022 Journal Article Influence Index and rankings of Hepatology. The image of the journal cover is originally from the home page of the journal: <https://aasldpubs.onlinelibrary.wiley.com/journal/15273350>.



Figure 3 2022 Journal Article Influence Index and rankings of Gastroenterology. The image of the journal cover is originally from the home page of the journal: <https://www.gastrojournal.org/>.

visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAIJ and rankings of Gut

In the RCA database, the 2022 JAIJ for Gut is 36.751, ranking 4th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 914769 citations (3/101) and a total of 24891 articles (3/101) (Figure 4). For more information on Gut, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

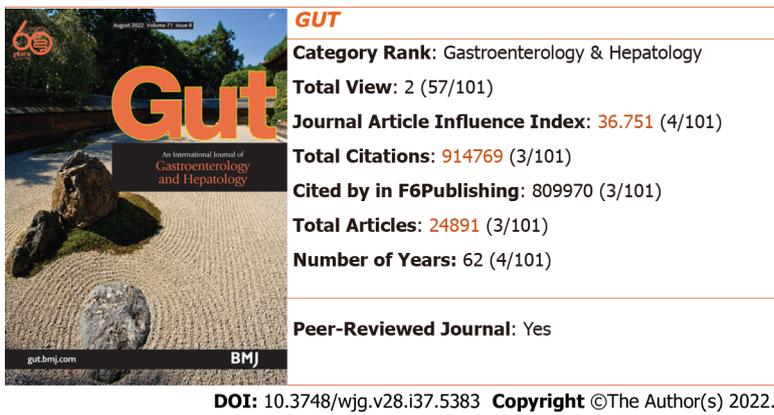


Figure 4 2022 *Journal Article Influence Index* and rankings of *Gut*. The image of the journal cover is originally from the home page of the journal: <http://gut.bmj.com/>.

2022 JAI and rankings of *Nature Reviews Gastroenterology & Hepatology*

In the RCA database, the 2022 JAI for *Nature Reviews Gastroenterology & Hepatology* is 35.473, ranking 5th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 100601 citations (24/101) and a total of 2836 articles (40/101) (Figure 5). For more information on *Nature Reviews Gastroenterology & Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Gut Microbes*

In the RCA database, the 2022 JAI for *Gut Microbes* is 31.557, ranking 6th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 38720 citations (41/101) and a total of 1227 articles (64/101) (Figure 6). For more information on *Gut Microbes*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Alimentary Pharmacology & Therapeutics*

In the RCA database, the 2022 JAI for *Alimentary Pharmacology & Therapeutics* is 28.725, ranking 7th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 323707 citations (10/101) and a total of 11269 articles (13/101) (Figure 7). For more information on *Alimentary Pharmacology & Therapeutics*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Journal of Hepatology*

In the RCA database, the 2022 JAI for *Journal of Hepatology* is 28.725, ranking 8th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 556699 citations (4/101) and a total of 19575 articles (7/101) (Figure 8). For more information on *Journal of Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Best Practice & Research Clinical Gastroenterology*

In the RCA database, the 2022 JAI for *Best Practice & Research Clinical Gastroenterology* is 28.428, ranking 9th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 44917 citations (36/101) and a total of 1580 articles (54/101) (Figure 9). For more information on *Best Practice & Research Clinical Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Diseases of the Colon & Rectum*

In the RCA database, the 2022 JAI for *Diseases of the Colon & Rectum* is 26.946, ranking 10th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 344714 citations (9/101) and a total of 12793 articles (10/101) (Figure 10). For more information on *Diseases of the Colon & Rectum*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of *Liver Transplantation*

In the RCA database, the 2022 JAI for *Liver Transplantation* is 26.872, ranking 11th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 159891 citations (18/101) and a total of 5950 articles (25/101) (Figure 11). For more information on *Liver Transplantation*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.



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Figure 5 2022 Journal Article Influence Index and rankings of *Nature Reviews Gastroenterology & Hepatology*. The image of the journal cover is originally from the home page of the journal: <https://www.nature.com/nrgastro/>.



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Figure 6 2022 Journal Article Influence Index and rankings of *Gut Microbes*. The image of the journal cover is originally from the home page of the journal: <http://www.tandfonline.com/kgmi>.



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Figure 7 2022 Journal Article Influence Index and rankings of *Alimentary Pharmacology & Therapeutics*. The image of the journal cover is originally from the home page of the journal: <https://onlinelibrary.wiley.com/journal/13652036>.

2022 JAI and rankings of Gastric Cancer

In the RCA database, the 2022 JAI for *Gastric Cancer* is 24.105, ranking 12th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 45558 citations (35/101) and a total of 1890 articles (49/101) (Figure 12). For more information on *Gastric Cancer*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.



Figure 8 2022 Journal Article Influence Index and rankings of *Journal of Hepatology*. The image of the journal cover is originally from the home page of the journal: <https://www.sciencedirect.com/journal/journal-of-hepatology>.



Figure 9 2022 Journal Article Influence Index and rankings of *Best Practice & Research Clinical Gastroenterology*. The image of the journal cover is originally from the home page of the journal: <http://www.sciencedirect.com/science/journal/15216918>.

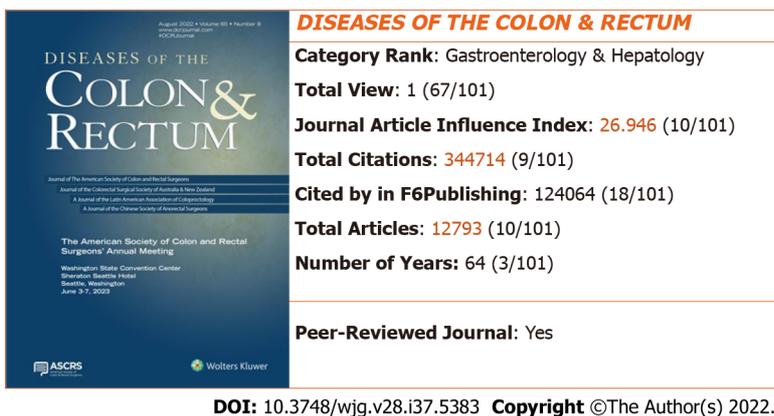


Figure 10 2022 Journal Article Influence Index and rankings of *Diseases of the Colon & Rectum*. The image of the journal cover is originally from the home page of the journal: <https://journals.lww.com/dcrjournal/pages/default.aspx>.

2022 JAI and rankings of The American Journal of Gastroenterology

In the RCA database, the 2022 JAI for *The American Journal of Gastroenterology* is 23.563, ranking 13th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 476726 citations (5/101) and a total of 20232 articles (6/101) (Figure 13). For more information on *The American Journal of Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.



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Figure 11 2022 Journal Article Influence Index and rankings of Liver Transplantation. The image of the journal cover is originally from the home page of the journal: <https://aasldpubs.onlinelibrary.wiley.com/journal/15276473>.



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Figure 12 2022 Journal Article Influence Index and rankings of Gastric Cancer. The image of the journal cover is originally from the home page of the journal: <https://link.springer.com/journal/10120>.



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Figure 13 2022 Journal Article Influence Index and rankings of the American Journal of Gastroenterology. The image of the journal cover is originally from the home page of the journal: <https://journals.lww.com/ajg/pages/default.aspx>.

2022 JAll and rankings of Lancet Gastroenterology & Hepatology

In the RCA database, the 2022 JAll for *Lancet Gastroenterology & Hepatology* is 23.470, ranking 14th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 30276 citations (48/101) and a total of 1290 articles (63/101) (Figure 14). For more information on *Lancet Gastroenterology & Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.



Figure 14 2022 Journal Article Influence Index and rankings of *Lancet Gastroenterology & Hepatology*. The image of the journal cover is originally from the home page of the journal: <https://www.thelancet.com/journals/langas/home>.

2022 JAI and rankings of Journal of Gastroenterology

In the RCA database, the 2022 JAI for *Journal of Gastroenterology* is 22.837, ranking 15th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 110941 citations (22/101) and a total of 4858 articles (28/101) (Figure 15). For more information on *Journal of Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Neurogastroenterology and Motility

In the RCA database, the 2022 JAI for *Neurogastroenterology and Motility* is 22.335, ranking 16th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 93695 citations (26/101) and a total of 4195 articles (30/101) (Figure 16). For more information on *Neurogastroenterology and Motility*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Clinical Gastroenterology and Hepatology

In the RCA database, the 2022 JAI for *Clinical Gastroenterology and Hepatology* is 22.295, ranking 17th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 223108 citations (13/101) and a total of 10007 articles (17/101) (Figure 17). For more information on *Clinical Gastroenterology and Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of World Journal of Gastroenterology

In the RCA database, the 2022 JAI for *World Journal of Gastroenterology* is 21.914, ranking 18th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 471463 citations (4/101) and a total of 21514 articles (5/101) (Figure 18). For more information on *World Journal of Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/00000009>.

2022 JAI and rankings of American Journal of Physiology-Gastrointestinal and Liver Physiology

In the RCA database, the 2022 JAI for *American Journal of Physiology-Gastrointestinal and Liver Physiology* is 21.406, ranking 19th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 230179 citations (11/101) and a total of 10753 articles (14/101) (Figure 19). For more information on *American Journal of Physiology-Gastrointestinal and Liver Physiology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Journal of Gastrointestinal Surgery

In the RCA database, the 2022 JAI for *Journal of Gastrointestinal Surgery* is 20.714, ranking 20th among 101 core journals in the field of gastroenterology and hepatology included in the RCA, with a total of 138742 citations (20/101) and a total of 6698 articles (22/101) (Figure 20). For more information on *Journal of Gastrointestinal Surgery*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

RCA'S MISSION

The mission of RCA is to provide a high quality academic article evaluation service platform for various categories. At present, there are many evaluation methods for academic articles, but their calculation methods are complicated. The RCA is a new method of evaluating the quality of academic articles,



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Figure 15 2022 Journal Article Influence Index and rankings of Journal of Gastroenterology. The image of the journal cover is originally from the home page of the journal: <https://link.springer.com/journal/535>.



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Figure 16 2022 Journal Article Influence Index and rankings of Neurogastroenterology and Motility. The image of the journal cover is originally from the home page of the journal: <https://onlinelibrary.wiley.com/journal/13652982>.



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Figure 17 2022 Journal Article Influence Index and rankings of Clinical Gastroenterology and Hepatology. The image of the journal cover is originally from the home page of the journal: <http://www.sciencedirect.com/science/journal/15423565>.

which allows academic evaluation of journals, scholars, institutions, drugs, medical devices, and publishers based on the *JAI* of each article in the citation analysis database, thus greatly enriching the academic evaluation systems across different disciplines and guiding the healthy development of the academic community[2].



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Figure 18 2022 Journal Article Influence Index and rankings of World Journal of Gastroenterology. The image of the journal cover is originally from the home page of the journal: <http://www.wjgnet.com/1007-9327/index.htm>.



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Figure 19 2022 Journal Article Influence Index and rankings of American Journal of Physiology-Gastrointestinal and Liver Physiology. The image of the journal cover is originally from the home page of the journal: <https://journals.physiology.org/journal/ajpgi>.



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Figure 20 2022 Journal Article Influence Index and rankings of Journal of Gastrointestinal Surgery. The image of the journal cover is originally from the home page of the journal: <https://link.springer.com/journal/11605>.

OPENNESS AND TRANSPARENCY OF RCA EVALUATION

RCA is unique in its objective, impartial, fair, and transparent release of citation analysis data of important academic journals to authors and readers, including evaluation data, evaluation indices, evaluation methods, and evaluation results, in order to ensure the reliability of academic evaluation[2].

CALCULATION METHOD FOR 2022 *JAI*

The 2022 *JAI*, calculated as Total citations/Total articles, is not a 2-year or 5-year average of citations, but is an average of citations for all articles since the journal was assigned its DOI number. Article types are not only limited to original articles and review articles, but for all types of articles. In this way, it is a more objective, fair, and transparent calculation of the academic influence index of an academic journal. Furthermore, the journal list itself is evaluated dynamically, its bibliographic metrics being updated daily, including total number of articles, total citations, and *JAI*[2].

EVALUATION PROCESS OF RCA JOURNALS

The journals included in the RCA core journal list need to undergo three rounds of strict evaluation. The evaluation process is as follows[2]:

First-round evaluation: Verify the basic information on the journal, including Journal Name, Abbreviated Title, Print ISSN, Online ISSN, Language, Category, Peer-Reviewed Journal, Ownership, Publisher, Journal Website, Editorial Board Members, Submit a Manuscript, and Indexed by.

Second-round evaluation: Verify the activity of the journal, including Total Articles, Total Citations, Cited by in F6Publishing, and the *JAI*.

Third-round evaluation: Based on the reliability of journal information, the activity of publication data, whether the journal is a peer-reviewed journal or not, and *JAI*, the editorial team evaluates every journal, makes the decision to accept or reject the journal, and creates a list of core journals by discipline. The function of the list of core academic journals is to classify journals according to categories and rank them according to various bibliometrics, including Total Views, *JAI*, Total Citations, Cited by in F6Publishing, Total Articles, and Number of Years.

INCLUSION PRINCIPLES OF RCA JOURNAL

The RCA editorial team of Baishideng conducted three rounds of rigorous evaluation on core journals in gastroenterology and hepatology. The resultant RCA core journal list for the field of gastroenterology and hepatology includes a total of 101 journals, among which the highest 2022 *JAI* is 48.014 and the lowest *JAI* is 3.900, the highest total number of citations is 1711173 and the lowest is 698, and the highest total number of articles is 46037 and the lowest is 133. The RCA core journal list does not include any journals with a *JAI* lower than 3.0. We implement dynamic evaluation inclusively for the RCA core journal list. Evaluation is initiated once an RCA-nonincluded journal receives a *JAI* over 3.0. Similarly, if a journal included in the RCA core journal list receives a *JAI* lower than 3.0, it will be excluded[2]. The RCA core journal list is designed by publishers, scientific editors, and engineers for use by readers, authors, and editorial offices, and is free-of-charge to users.

Upon completion of the three rounds of rigorous evaluation on core journals in gastroenterology and hepatology by the RCA editorial team, all data in each journal are organized for public consumption according to category rank, including the 2022 *JAI*, total citations, cited by in F6Publishing, total articles, and the 2021 Journal Impact Factor™. All information in each journal, including Journal Name, Print ISSN, Online ISSN, Language, Free Access, Peer-Reviewed Journal, Ownership, Publisher, Journal Website, Editorial Board Members, Submit a Manuscript, and Indexed by are made available in RCA. Moreover, the citations of each journal can be then ranked in RCA by the *Impact Index Per Article*, Cited by in Crossref, and Cited by in F6Publishing parameters. Results analysis available for each journal includes Year Published Analysis, Article Type Analysis, Journal Title Analysis, and Category Analysis. The references of each journal are also refined by Year Published and Article Type. Each reference's citation information is displayed, including PMID, DOI, Cited by in Crossref, *Impact Index Per Article*, RCA, and Track Full Text[2].

CONCLUSION

The ultimate purpose of RCA is to provide an open, objective, fair, and reliable academic evaluation service platform for readers, authors, and journal editors. The RCA journal academic evaluation service platform is designed and actively maintained to address the needs of authors to select reliable journals for submission, readers to select high-quality literature for reading, and editors to track their own journal citation performance. The RCA core journal list itself will serve as a useful Find-a-Journal tool. Any interested party is welcome to use this journal list and recommend it to their peers.

FOOTNOTES

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Country/Territory of origin: United States

ORCID number: Jin-Lei Wang [0000-0002-5197-3051](https://orcid.org/0000-0002-5197-3051); Lian-Sheng Ma [0000-0002-1430-4844](https://orcid.org/0000-0002-1430-4844).

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