

79334_Auto_Edited-check.docx

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 79334

Manuscript Type: EDITORIAL

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

Wang JL *et al.* RCA announces 2022 *JAI* of 101 journals in gastroenterology and hepatology

Abstract

After three rounds of rigorous evaluation on 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/SearchJournal>. Among them, the highest 2022 *JAI* is 48.014 and the lowest is 3.900. This article highlights the top 20, 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*

Wang JL, Ma YJ, Ma L, Ma N, Guo DM, Ma LS. Baishideng's *Reference Citation Analysis* database announces the first *Journal Article Influence Index* of 101 core journals and list of high-quality academic journals in gastroenterology and hepatology. *World J Gastroenterol* 2022; In press

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 among these, describes the calculation method of 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.

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 at August 8, 2022. The total 101 core journals in gastroenterology and hepatology can be found at: <https://www.referencecitationanalysis.com/SearchJournal>.

² *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: ¹ 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 *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 among the total 101 core journals in the field of gastroenterology and hepatology included in *RCA*, the calculation method of 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 *RCA*

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 RCA, among which 20 are 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 total citations of 83641 (28/101) and total articles of 1742 (50/101) (Figure 1). For more information about *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 total citations of 1169100 (2/101) and total articles of 27154 (2/101) (Figure 2). For more information about *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 total citations of 1711173 (1/101) and total articles are 46037 (1/101) (Figure 3). For more information about *Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Gut

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

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 total citations of 100601 (24/101) and total articles of 2836 (40/101) (Figure 5). For more information about *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 total citations of 38720 (41/101) and total articles of 1227 (64/101) (Figure 6). For more information about *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 total citations of 323707 (10/101) and total articles of 11269 (13/101) (Figure 7). For more information about *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 total citations of 556699 (4/101) and total articles of 19575 (7/101) (Figure 8). For more information about *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 total citations of 44917 (36/101) and total articles of 1580 (54/101) (Figure 9). For more information about *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 total citations of 344714 (9/101) and total articles of 12793 (10/101) (Figure 10). For more information about *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 total citations of 159891 (18/101) and total articles of 5950 (25/101) (Figure 11). For more information about *Liver Transplantation*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

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

total citations of 45558 (35/101) and total articles of 1890 (49/101) (Figure 12). For more information about *Gastric Cancer*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

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 total citations of 476726 (5/101) and total articles of 20232 (6/101) (Figure 13). For more information about *The American Journal of Gastroenterology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

2022 JAI and rankings of Lancet Gastroenterology & Hepatology

In the RCA database, the 2022 JAI 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 total citations of 30276 (48/101) and total articles of 1290 (63/101) (Figure 14). For more information about *Lancet Gastroenterology & Hepatology*, please visit: <https://www.referencecitationanalysis.com/SearchJournal>.

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 total citations of 110941 (22/101) and total articles of 4858 (28/101) (Figure 15). For more information about *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 total citations of 93695 (26/101) and total articles of 4195

(30/101) (Figure 16). For more information about *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 total citations of 223108 (13/101) and total articles of 10007 (17/101) (Figure 17). For more information about *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 total citations of 471463 (4/101) and total articles of 21514 (5/101) (Figure 18). For more information about *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 total citations of 230179 (11/101) and total articles of 10753 (14/101) (Figure 19). For more information about *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 total citations of 138742 (20/101) and total articles of 6698 (22/101) (Figure 20). For more information about *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. *RCA* as a new generation method of evaluating the quality of academic articles, allows for making an 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].

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 indexes, evaluation methods, and evaluation results, so as to ensure the reliability of academic evaluation^[2].

CALCULATION METHOD OF 2022 JAI

The 2022 *JAI*, calculated as Total citations/Total articles, is not a 2-year nor 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 of 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 *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 create 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 citations are 1711173 and the lowest are 698, and the highest total articles are 46037 and the lowest are 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 dropped out at that point^[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 of each journal are organized for public consumption according to category rank, including 2022 *JAI*, total citations, cited by in F6Publishing, total articles, and 2021 Journal Impact Factor™. All journal information of 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 able to be 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.

ORIGINALITY REPORT

1 %

SIMILARITY INDEX

PRIMARY SOURCES

1	www.referencecitationanalysis.com Internet	31 words — 1 %
2	f6publishing.blob.core.windows.net Internet	13 words — < 1 %

EXCLUDE QUOTES	ON	EXCLUDE SOURCES	< 12 WORDS
EXCLUDE BIBLIOGRAPHY	ON	EXCLUDE MATCHES	< 12 WORDS