2019 Journal Citation Reports
for Endocrine Society Journals

Memo Prepared by Endocrine Society Publishing Staff, June 29, 2020

Journal Citation Reports (JCR) is an annual publication by Clarivate Analytics. JCR uses the citation activity of scholarly journals, as indexed in Clarivate's Web of Science, in order to devise annual journal-level metrics. These metrics include the Journal Impact Factor, Immediacy Index, Cited Half-Life, and others.

The 2019 JCR results were publicly released on June 29, 2020.

Definition of the scores

The ***Journal Impact Factor*** looks at the articles a journal published over two years and averages the number of citations those articles received in the third year.

The 2019 Journal Impact Factor, as a calculation:

$$\frac{\text{Number of citations in 2019 to the journal for its citable articles published in 2017 and 2018}}{\text{Number of citable articles published in 2017 and 2018}}$$

The ***Immediacy Index*** looks at the number of articles published in a single year and averages their resulting citations within the same year.

The 2019 Immediacy Index, as a calculation:

$$\frac{\text{Number of citations in 2019 to the journal for its citable articles published in 2019}}{\text{Number of citable articles published in 2019}}$$

Citable means scientific content. Clarivate indexes all journals individually and rules out items that are not seen as regular, editorial material. Items eliminated from the denominators above include editorials, errata, publisher's notices, conference proceedings, meeting abstracts, and correspondence (letters to the editor and their responses).

The ***Cited Half-Life*** refers to the median age of articles cited in the given year. It measures citations in only one year, but it looks at the age of every article that is cited. The cited half-life means that half of the articles cited within the year are older than the score in number of years, and half are younger.

Example: a Cited Half-Life of 8 in 2019 means that half the journal's articles cited in 2019 were published in or prior to eight years ago, and half were published within eight years of 2019.

Another way to look at it is to say that in 2019, with a Cited Half-Life of 8, a journal's average article is likely to reach its peak in citations in eight years but also to continue receiving citations eight years beyond that, for a total citation life of 16 years. However, it is an average and measured only by one year's activity. The metric is likely to change every year.

None of these are perfect measurements, and many publishers argue against relying on them unilaterally. Journals vary by practice and scientific specialty, and each practice and specialty has a different average rate of citations. Also, journal types vary. Review journals tend to have higher Impact Factors than clinical journals, which tend to have higher Impact Factors than basic science journals. Megajournals, especially ones with high acceptance rates, don't tend to publicize the Journal Impact Factor because theirs tend to be low as a result of the volume of content being published, much of which doesn't get cited at all or right away.

High-publicity journals with a brand awareness transcending a single practice or specialty, especially one of a moderate or small size, will perform more successfully than one with a narrow specialty, even if that narrow journal is well regarded internationally.

Clarivate also accounts for journals' self-citations (an article citing another article in the same journal), displaying statistics and offering an alternative Journal Impact Factor without them.

Finally, to accommodate journals whose citation activity is better measured over a longer period of time, JCR offers a *5-year Impact Factor*, which, in this case, averages citations in 2019 to journal articles published in 2015–2018 (four published years + 1 citation year = 5 years).

The total number of journals included in the 2019 JCR is 12,838.

Endocrine Society journals and the category "Endocrinology & Metabolism"

Clarivate indexes each journal as part of one or more scientific categories. Endocrine Society journals belong to the Clarivate category "Endocrinology & Metabolism." Each year, the Society reviews its journals' metrics against other journals in this category.

In 2019, Clarivate categorized 143 journals in "Endocrinology & Metabolism."

JCR year of citations	Number of journals in "Endocrinology & Metabolism"
2019	143
2018	145
2017	143
2016	138
2015	131

Clarivate has 235 categories. Of those, "Endocrinology & Metabolism" ranks 36th in number of journals indexed (143). It ranks 11th overall in median Impact Factor (the mid-point Journal Impact Factor among all journals in the category, in this case 3.235), and 29th in aggregate Impact Factor (the score as a factor of 1, in this case 4.315 — the score means that on average, the articles published in "Endocrinology & Metabolism" journals in 2017 and 2018 have been cited 4.315 times in 2019).

In 2019, the Endocrine Society ranked 5th among publishers in the category "Endocrinology & Metabolism," with an average Impact Factor of 7.998. The publishers ranked higher are Elsevier, the American Diabetes Association, Nature Publishing Group, and Cell Press.

A full list of journals in this category can be found at the end of this report.

The Top 25 journals in the category “Endocrinology & Metabolism,” by 2019 Journal Impact Factor:

Rank	Journal	2019 Journal Impact Factor	2018 Journal Impact Factor	Numeric Change	Percent Change	2018 Rank	Rank Change
1	*Nature Reviews Endocrinology*	28.800	24.646	4.154	16.85%	1	0
2	*Lancet Diabetes & Endocrinology*	25.340	24.540	0.800	3.25%	2	0
3	*Cell Metabolism*	21.567	22.415	−0.848	−3.78%	3	0
4	*Diabetes Care*	16.019	15.270	0.749	4.91%	4	0
5	*Endocrine Reviews*	14.661	15.167	−0.506	−3.34%	6	1
6	*Journal of Pineal Research*	14.528	15.221	−0.693	−4.55%	5	−1
7	*Trends in Endocrinology and Metabolism*	11.641	9.777	1.864	19.07%	7	0
8	*Frontiers in Neuroendocrinology*	9.059	7.852	1.207	15.37%	9	1
9	*Diabetes*	7.720	7.199	0.521	7.24%	11	2
10	*Diabetologia*	7.518	7.113	0.405	5.69%	12	2
11	*Cardiovascular Diabetology*	7.332	5.948	1.384	23.27%	18	7
12	*Obesity Reviews*	7.310	8.192	−0.882	−10.77%	8	−4
13	*Molecular Metabolism*	6.448	6.181	0.267	4.32%	15	2
14	*Antioxidants & Redox Signaling*	6.323	5.828	0.495	8.49%	19	5
15	*Reviews in Endocrine & Metabolic Disorders*	6.192	5.516	0.676	12.26%	23	8
16	*Free Radical Biology and Medicine*	6.170	5.657	0.513	9.07%	21	5
17	*Metabolism-Clinical and Experimental*	6.159	6.513	−0.354	−5.44%	14	−3
18	*Diabetes Obesity & Metabolism*	5.900	6.133	−0.233	-3.80%	16	−2
19	*Journal of Bone and Mineral Research*	5.854	5.711	0.143	2.50%	20	1
20	*Journal of Cerebral Blood Flow and Metabolism*	5.681	6.040	−0.359	−5.94%	17	−3
21	*Journal of Clinical Endocrinology & Metabolism*	5.399	5.605	−0.206	3.68%	22	1
22	*European Journal of Endocrinology*	5.308	5.107	0.201	3.94%	24	2
23	*Current Obesity Reports*	5.259	3.454	1.805	52.26%	56	33
24	*Thyroid*	5.227	7.786	−2.559	−32.87%	10	−14
25	*Endocrine-Related Cancer*	4.800	4.774	0.026	0.54%	27	2

Endocrine Society Journals' Scores

Endocrine Reviews

Four years ago, with the 2015 metrics, for the first time, *Endocrine Reviews* slipped from first place to No. 4, behind *Cell Metabolism*, *Lancet Diabetes & Endocrinology*, and *Nature Reviews Endocrinology*. It is at No. 5 in 2019.

***Endocrine Reviews*' 2019 Journal Impact Factor, 14.661, has slipped by 0.506. Globally, it ranks 163rd among 12,838 journals.**

***Endocrine Reviews* metrics, with ranking in "Endocrinology & Metabolism" in parentheses:**

	Journal Impact Factor	5-year Journal Impact Factor	Immediacy Index	Cited Half-Life
2019	14.661 (5th)	19.795 (4th)	4.364 (5th)	12.9 (1st)
2018	15.167 (6th)	19.377 (4th)	2.632 (10th)	13.1 (1st)
2017	15.545 (4th)	18.639 (4th)	2.857 (7th)	12.9 (1st)
2016	15.745 (4th)	18.432 (3rd)	1.857 (9th)	>10
2015	14.898 (4th)	18.154 (1st)	2.217 (6th)	>10
2014	21.059 (1st)	22.052 (1st)	2.375 (7th)	>10

The Journal of Clinical Endocrinology & Metabolism (JCEM)

JCEM publishes the second highest volume of articles in the category "Endocrinology & Metabolism" and is the most cited journal. In 2019, JCEM was cited nearly 79,000 times. In 2018, JCEM's cited half-life surpassed 10 for the first time, meaning that the average citation lifespan of an article in JCEM is at least 10 years at its peak and at least 20 years at its longest.

JCEM metrics, with ranking in "Endocrinology & Metabolism" in parentheses:

	Journal Impact Factor	5-year Journal Impact Factor	Immediacy Index	Cited Half-Life
2019	5.399 (21st)	5.879 (19th)	1.430 (23rd)	10.7 (11th)
2018	5.605 (22nd)	5.333 (19th)	1.214 (34th)	10.2 (13th)
2017	5.789 (20th)	6.011 (17th)	1.020 (41st)	9.9 (11th)
2016	5.455 (20th)	6.215 (16th)	1.233 (21st)	9.4
2015	5.531 (16th)	6.061 (14th)	1.270 (17th)	9.1
2014	6.209 (15th)	6.544 (13th)	1.022 (25th)	8.8

Endocrinology

Endocrinology is the fifth most-cited journal in the category "Endocrinology & Metabolism," earning more than 41,000 citations in 2019. *Endocrinology*'s cited half-life has exceeded 10 since 2015.

***Endocrinology* metrics, with ranking in "Endocrinology & Metabolism" in parentheses:**

	Journal Impact Factor	**5-year Journal Impact Factor**	**Immediacy Index**	**Cited Half-Life**
2019	3.934 (40th)	4.075 (41st)	1.005 (46th)	12.6 (2nd)
2018	3.800 (45th)	4.130 (39th)	1.235 (32nd)	12.0 (3rd)
2017	3.961 (38th)	4.224 (35th)	0.832 (54th)	11.5 (3rd)
2016	4.286 (29th)	4.438 (26th)	0.968 (35th)	>10
2015	4.159 (30th)	4.323 (26th)	0.973 (27th)	>10
2014	4.503 (28th)	4.622 (25th)	0.927 (31st)	9.9

Molecular Endocrinology

The journal ceased publishing new issues and merged with *Endocrinology* in November 2016. The citation year 2018 marked *Molecular Endocrinology*'s final year for the Journal Impact Factor. It no longer appears in current JCR rankings and is mentioned here only for reference.

NOTE ABOUT CITED HALF-LIFE: In the 2019 Journal Citation Reports, Endocrine Society-published journals rank in the top two in Cited Half-Life in the category "Endocrinology & Metabolism":

1. *Endocrine Reviews* (12.9)
2. *Endocrinology* (12.6)

Some of this can be attributed to the nature of these journals' publications. *Endocrinology* is a basic science journal. *Endocrine Reviews* publishes reviews and translational science. JCEM (ranked 11th in 2019) publishes clinical papers.

Competing journals

Here is a table showing notable competing journals, their Journal Impact Factors, and the difference between 2019 and 2018.

Journal	2019 Journal Impact Factor	2019 Rank in E&M	Change in JIF from 2018	Change in rank in E&M from 2018
Nature Reviews Endocrinology	28.800	1	↑4.154	0
Lancet Diabetes & Endocrinology	25.340	2	↑0.800	0
Diabetes Care	16.019	4	↑0.749	0
Diabetes	7.720	9	↑0.521	↑2
Journal of Bone and Mineral Research	5.854	19	↑0.143	↑1
European Journal of Endocrinology	5.308	22	↑0.201	↑2
Thyroid	5.227	24	↓2.559	↓14
Endocrine-Related Cancer	4.800	25	↑0.0256	↑2
Journal of Endocrinology	4.041	37	↓0.340	↓6
Molecular and Cellular Endocrinology	3.871	42	↑0.178	↑6
Clinical Endocrinology	3.380	62	↑0.483	↑17
Endocrine Connections	2.592	96	↑0.118	↓3

Endocrine Society Journals' Impact Factors, 2004–2019
30
25
20
15
10
5
0
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Endocr Rev
J Clin Endocr Metab
Endocrinology

Competing Journals' Impact Factors, 2010–2019
35
30
25
20
15
10
5
0
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
Endocr Rev
J Clin Endocr Metab
Endocrinology
Nat Rev Endocrinol
Lancet Diabetes Endo
Diabetes Care
Endocr Rev
Diabetes
J Bone Miner Res
J Clin Endocr Metab
Eur J Endocrinol
Thyroid
Endocr-Relat Cancer
J Endocrinol
Endocrinology
Mol Cell Endocrinol
Clin Endocrinol
Endocr Connect

Journals in the Clarivate JCR category "Endocrinology & Metabolism" 2019 (total: 143):

- ACTA DIABETOLOGICA
- Acta Endocrinologica-Bucharest
- Adipocyte
- AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM
- ANNALES D ENDOCRINOLOGIE
- ANNALS OF NUTRITION AND METABOLISM
- ANTIOXIDANTS & REDOX SIGNALING
- Archives of Endocrinology Metabolism
- Archives of Osteoporosis
- ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY
- BEST PRACTICE & RESEARCH CLINICAL ENDOCRINOLOGY & METABOLISM
- BIOFACTORS
- BIOLOGICAL TRACE ELEMENT RESEARCH
- Biology of Sex Differences
- BMC Endocrine Disorders
- BMJ Open Diabetes Research & Care
- BONE
- CALCIFIED TISSUE INTERNATIONAL
- Canadian Journal of Diabetes
- Cardiovascular Diabetology
- Cell Metabolism
- CLINICAL ENDOCRINOLOGY
- COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY
- Correspondances en Metabolismes Hormones Diabetes et Nutrition
- Current Diabetes Reports
- Current Obesity Reports
- CURRENT OPINION IN CLINICAL NUTRITION AND METABOLIC CARE
- Current Opinion in Endocrinology Diabetes and Obesity
- CURRENT OPINION IN LIPIDOLOGY
- Current Osteoporosis Reports
- DIABETES
- DIABETES & METABOLISM
- Diabetes & Metabolism Journal
- Diabetes & Vascular Disease Research
- DIABETES CARE
- DIABETES EDUCATOR
- Diabetes Metabolic Syndrome and Obesity-Targets and Therapy
- DIABETES OBESITY & METABOLISM
- DIABETES RESEARCH AND CLINICAL PRACTICE
- Diabetes Stoffwechsel und Herz
- Diabetes Technology & Therapeutics
- Diabetes Therapy
- DIABETES-METABOLISM RESEARCH AND REVIEWS
- DIABETIC MEDICINE
- Diabetologe
- DIABETOLOGIA
- Diabetologie und Stoffwechsel
- Diabetology & Metabolic Syndrome
- DOMESTIC ANIMAL ENDOCRINOLOGY
- ENDOCRINE
- Endocrine Connections
- ENDOCRINE JOURNAL
- Endocrine Metabolic & Immune Disorders-Drug Targets
- ENDOCRINE PATHOLOGY
- Endocrine Practice
- ENDOCRINE RESEARCH
- ENDOCRINE REVIEWS
- ENDOCRINE-RELATED CANCER
- Endocrinologia Diabetes y Nutricion
- ENDOCRINOLOGY
- Endocrinology and Metabolism
- ENDOCRINOLOGY AND METABOLISM CLINICS OF NORTH AMERICA
- Endokrynologia Polska
- EUROPEAN JOURNAL OF ENDOCRINOLOGY
- European Thyroid Journal
- EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES
- FREE RADICAL BIOLOGY AND MEDICINE
- Frontiers in Endocrinology
- FRONTIERS IN NEUROENDOCRINOLOGY
- Frontiers of Hormone Research
- GENERAL AND COMPARATIVE ENDOCRINOLOGY
- GROWTH FACTORS
- GROWTH HORMONE & IGF RESEARCH
- GYNECOLOGICAL ENDOCRINOLOGY
- HORMONE AND METABOLIC RESEARCH
- Hormone Research in Paediatrics
- Hormones & Cancer
- HORMONES AND BEHAVIOR

- Hormones-International Journal of Endocrinology and Metabolism
- International Journal of Diabetes in Developing Countries
- International Journal of Endocrinology
- INTERNATIONAL JOURNAL OF OBESITY
- Islets
- JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS
- JOURNAL OF BONE AND MINERAL METABOLISM
- JOURNAL OF BONE AND MINERAL RESEARCH
- JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM
- JOURNAL OF CLINICAL DENSITOMETRY
- JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM
- Journal of Clinical Research in Pediatric Endocrinology
- Journal of Diabetes
- JOURNAL OF DIABETES AND ITS COMPLICATIONS
- Journal of Diabetes Investigation
- Journal of Diabetes Research
- JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION
- JOURNAL OF ENDOCRINOLOGY
- JOURNAL OF INHERITED METABOLIC DISEASE
- JOURNAL OF MAMMARY GLAND BIOLOGY AND NEOPLASIA
- JOURNAL OF MOLECULAR ENDOCRINOLOGY
- JOURNAL OF NEUROENDOCRINOLOGY
- JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM
- JOURNAL OF PINEAL RESEARCH
- JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY
- JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY
- Lancet Diabetes & Endocrinology
- MAGNESIUM RESEARCH
- METABOLIC BRAIN DISEASE
- METABOLISM-CLINICAL AND EXPERIMENTAL
- Metabolomics
- Minerva Endocrinologica
- MOLECULAR AND CELLULAR ENDOCRINOLOGY
- MOLECULAR GENETICS AND METABOLISM
- Molecular Metabolism
- Nature Reviews Endocrinology
- NEUROENDOCRINOLOGY
- NEUROENDOCRINOLOGY LETTERS
- NEUROIMMUNOMODULATION
- NEUROPEPTIDES
- Nutrition & Diabetes
- Nutrition Clinique et Metabolisme
- NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES
- Obesity
- Obesity Facts
- Obesity Research & Clinical Practice
- Obesity Reviews
- OSTEOPOROSIS INTERNATIONAL
- PEDIATRIC DIABETES
- PEPTIDES
- Pituitary
- Primary Care Diabetes
- PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS
- PROSTATE
- PSYCHONEUROENDOCRINOLOGY
- Reproductive Biology and Endocrinology
- REVIEWS IN ENDOCRINE & METABOLIC DISORDERS
- STEROIDS
- STRESS-THE INTERNATIONAL JOURNAL ON THE BIOLOGY OF STRESS
- Therapeutic Advances in Endocrinology and Metabolism
- THYROID
- TRACE ELEMENTS AND ELECTROLYTES
- TRENDS IN ENDOCRINOLOGY AND METABOLISM
- Vitamins and Hormones
- World Journal of Diabetes