2018 Journal Citation Reports
For Endocrine Society Journals

Memo Prepared by Endocrine Society Publishing Staff, June 21, 2019

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 2018 JCR results were publicly released on June 20, 2019.

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 2018 Journal Impact Factor, as a calculation:

$$\frac{\text{Number of citations in 2018 to the journal for its citable articles published in 2016 and 2017}}{\text{Number of citable articles published in 2016 and 2017}}$$

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

The 2018 Immediacy Index, as a calculation:

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

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 2018 means that half the journal's articles cited in 2018 were published in or prior to eight years ago, and half were published within eight years of 2018.

Another way to look at it is to say that in 2018, 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 2018 to journal articles published in 2014–2017 (four published years + 1 citation year = 5 years).

The total number of journals included in the 2018 JCR is 12,515.

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 as well as a select number of journals in other categories.

In 2018, Clarivate categorized 145 journals in "Endocrinology & Metabolism."

JCR year of citations	Number of journals in "Endocrinology & Metabolism"
2018	145
2017	143
2016	138
2015	131
2014	128

Clarivate has 236 categories. Of those, "Endocrinology & Metabolism" ranks 36th in number of journals indexed (145). It ranks 6th overall in median Impact Factor (the mid-point Journal Impact Factor among all journals in the category, in this case 3.098), and 25th in aggregate Impact Factor (the score as a factor of 1, in this case 4.247 — the score means that on average, the articles published in "Endocrinology & Metabolism" journals in 2016 and 2017 have been cited 4.247 times in 2018).

In 2018, the Endocrine Society ranked 5th among publishers in the category "Endocrinology & Metabolism," with an average Impact Factor of 7.050. 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 2018 Journal Impact Factor:

Rank	Journal	2018 Journal Impact Factor	2017 Journal Impact Factor	Numeric Change	Percent Change	2017 Rank	Rank Change
1	*Nature Reviews Endocrinology*	24.646	20.265	+4.381	+17.8%	2	+1
2	*Lancet Diabetes & Endocrinology*	24.540	19.313	+5.227	+21.3%	3	+1
3	*Cell Metabolism*	22.415	20.565	+1.850	+8.3%	1	−2
4	*Diabetes Care*	15.270	13.397	+1.873	+12.3%	5	+1
5	*Journal of Pineal Research*	15.221	11.613	+3.608	+23.7%	6	+1
6	*Endocrine Reviews*	15.167	15.545	−0.378	−2.5%	4	−2
7	*Trends in Endocrinology and Metabolism*	9.777	10.769	−0.992	−10.1%	7	0
8	*Obesity Reviews*	8.192	8.483	−0.291	−3.6%	8	0
9	*Frontiers in Neuroendocrinology*	7.852	6.875	+0.977	+12.4%	11	+2
10	*Thyroid*	7.786	7.557	+0.229	+2.9%	9	−1
11	*Diabetes*	7.199	7.273	−0.074	−1.0%	10	−1
12	*Diabetologia*	7.113	6.023	+1.090	+15.3%	16	+4
13	*Neuroendocrinology*	6.804	5.024	+1.780	+26.2%	24	+11
14	*Metabolism-Clinical and Experimental*	6.513	5.963	+0.550	+8.4%	19	+5
15	*Molecular Metabolism*	6.181	6.291	−0.110	−1.8%	14	−1
16	*Diabetes Obesity & Metabolism*	6.133	5.980	+0.153	+2.5%	18	+2
17	*Journal of Cerebral Blood Flow and Metabolism*	6.040	6.045	−0.005	−0.1%	15	−2
18	*Cardiovascular Diabetology*	5.948	5.235	+0.713	+12.0%	22	+4
19	*Antioxidants & Redox Signaling*	5.828	6.530	−0.702	−12.0%	12	−7
20	*Journal of Bone and Mineral Research*	5.711	6.314	−0.603	−10.6%	13	−7
21	*Free Radical Biology and Medicine*	5.657	6.020	−0.363	−6.4%	17	−4
22	*Journal of Clinical Endocrinology & Metabolism*	5.605	5.789	−0.184	−3.3%	20	−2
23	*Reviews in Endocrine & Metabolic Disorders*	5.516	4.963	+0.553	+10.0%	25	+2
24	*European Journal of Endocrinology*	5.107	4.333	+0.774	+15.2%	31	+7
25	*BMJ Open Diabetes Research and Care* (first impact factor)	5.067	NA	5.067	100.0%	NA	NA

Endocrine Society Journals' Scores

Endocrine Reviews

Three 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. 6 in 2018.

***Endocrine Reviews*' 2018 Journal Impact Factor, 15.167, has slipped by 0.378. Globally, it ranks 135th among 12,515 journals.**

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

	Journal Impact Factor	5-year Journal Impact Factor	Immediacy Index	Cited Half-Life
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
2013	19.358 (1st)	24.124 (1st)	3.400 (1st)	>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 2018, JCEM was cited more than 77,000 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
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
2013	6.310 (13th)	6.479 (12th)	1.148 (16th)	8.6

Endocrinology

Endocrinology is the fourth most-cited journal in the category "Endocrinology & Metabolism," earning more than 43,000 citations in 2018. *Endocrinology*'s cited half-life has exceeded 10 since 2015.

In 2015, *Endocrinology*'s cited half-life surpassed 10 for the first time, meaning that the average citation lifespan of an article in *Endocrinology* is at least 10 years at its peak and at least 20 years at its longest.

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

	Journal Impact Factor	5-year Journal Impact Factor	Immediacy Index	Cited Half-Life
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
2013	4.644 (24th)	4.866 (23rd)	0.955 (24th)	9.2

Molecular Endocrinology

The journal ceased publishing new issues and merged with *Endocrinology* in November 2016. The citation year 2018 marks *Molecular Endocrinology*'s final year for the Journal Impact Factor.

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

	Journal Impact Factor	5-year Journal Impact Factor	Immediacy Index	Cited Half-Life
2018	3.628 (50th)	3.868 (47th)	NA	12.1 (2nd)
2017	3.678 (48th)	3.841 (44th)	NA	11.1 (6th)
2016	3.993 (37th)	3.937 (39th)	1.000 (31st)	>10
2015	3.432 (46th)	3.937 (33rd)	0.735 (47th)	9.7
2014	4.022 (35th)	4.453 (27th)	0.719 (49th)	9.1
2013	4.201 (29th)	4.715 (25th)	0.781 (40th)	8.5

NOTE ABOUT CITED HALF-LIFE: In the 2018 Journal Citation Reports, Endocrine Society-published journals rank in the top three in Cited Half-Life in the category "Endocrinology & Metabolism":

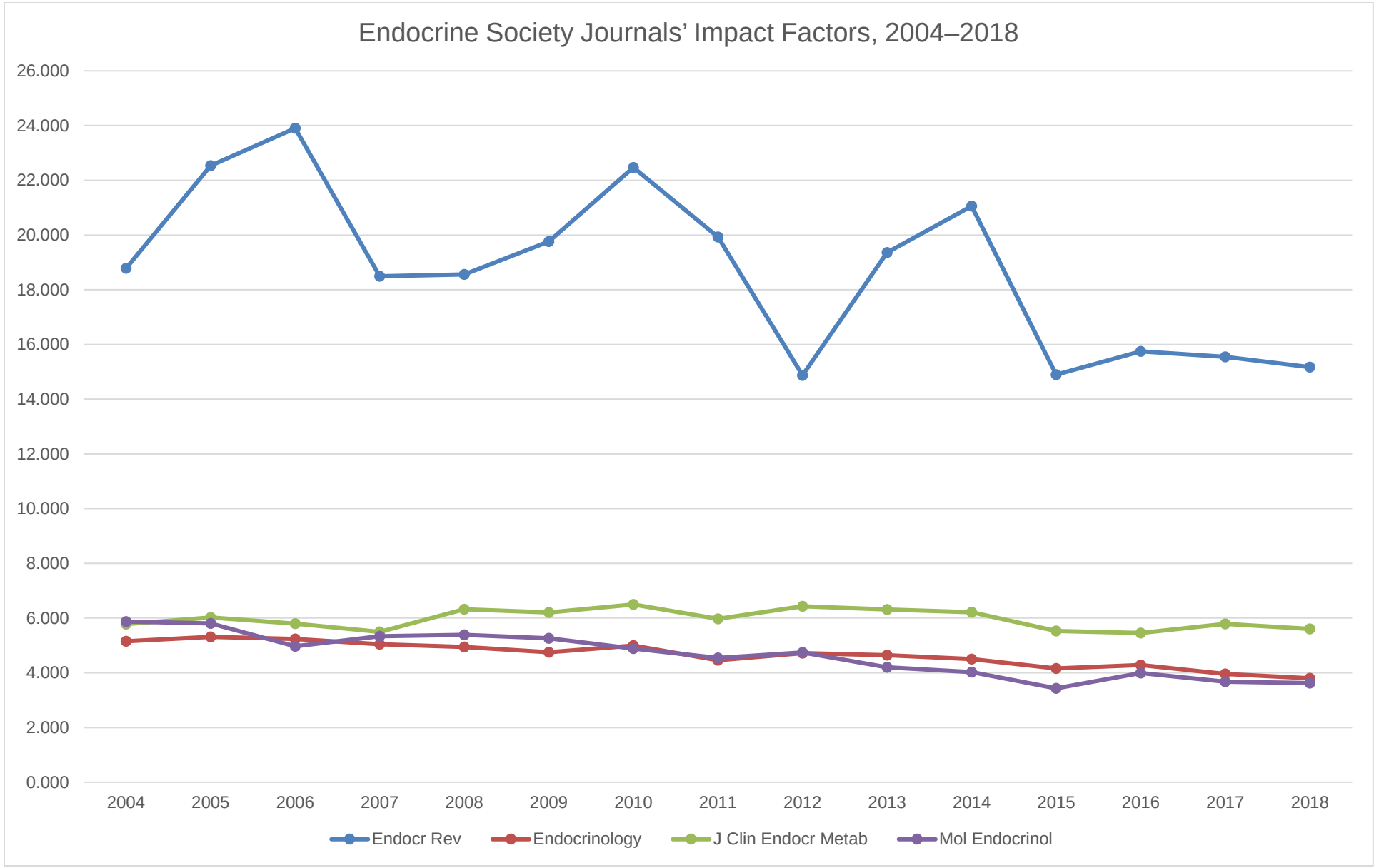
1. *Endocrine Reviews* (13.1)
2. *Molecular Endocrinology* (12.1)
3. *Endocrinology* (12.0)

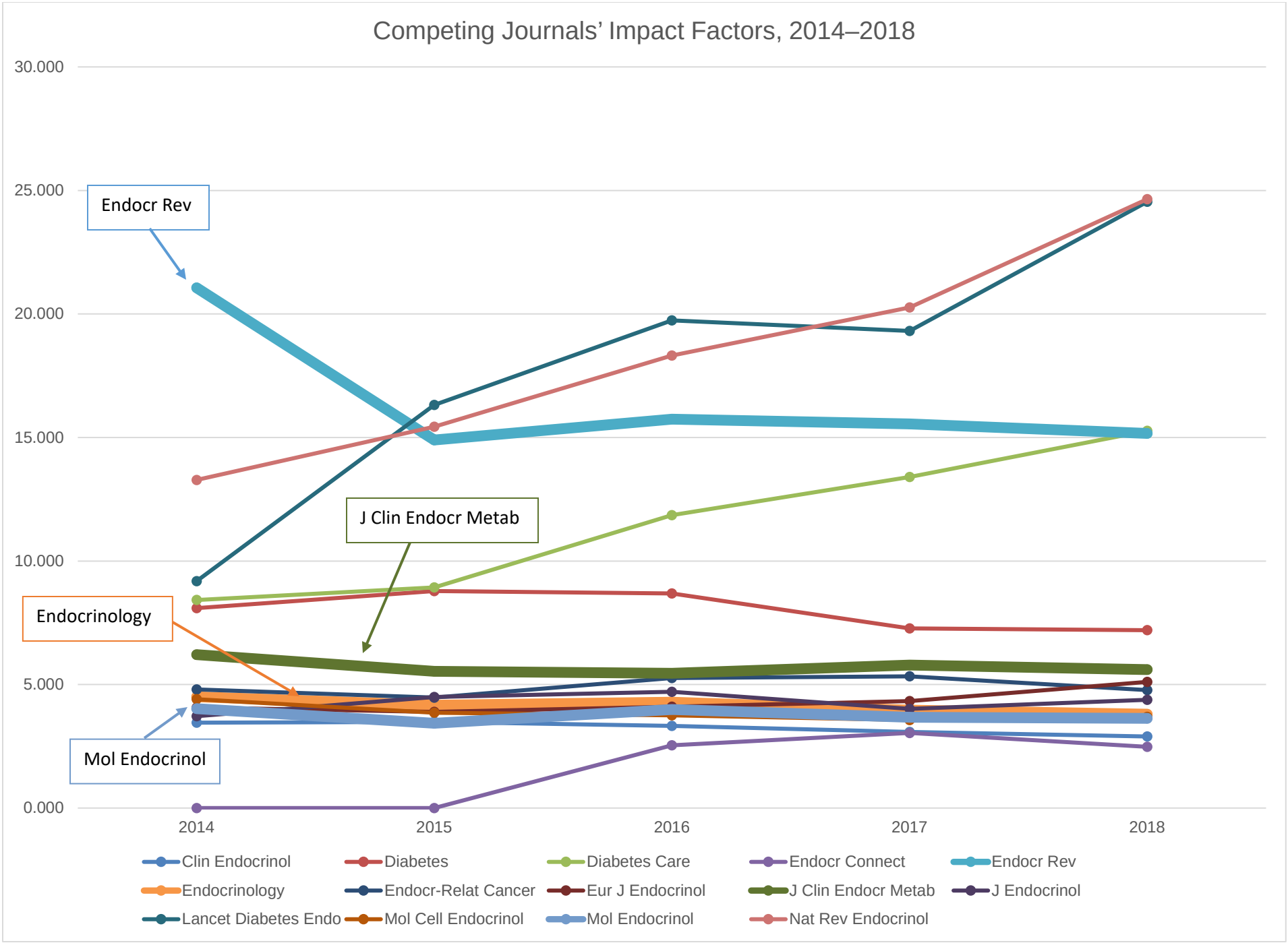
Some of this can be attributed to the nature of these journals' publications. *Molecular Endocrinology* and *Endocrinology* are (were) basic science journals. *Endocrine Reviews* publishes reviews and translational science. JCEM (ranked 13th in 2018) publishes clinical papers.

Competing journals

Here is a table showing notable competing journals, their Journal Impact Factors, and the difference between 2018 and 2017.

Journal	2018 Journal Impact Factor	2018 Rank in E&M	Change in JIF from 2017	Change in rank in E&M from 2017
Nature Reviews Endocrinology	24.646	1	↑ 4.381	↑ 2
Lancet Diabetes & Endocrinology	24.540	2	↑ 5.227	↑ 1
Diabetes Care	15.270	4	↑ 1.873	↑ 1
Diabetes	7.199	11	↓ 0.074	↓ 1
Endocrine-Related Cancer	4.774	27	↓ 0.557	↓ 6
European Journal of Endocrinology	5.107	24	↑ 0.774	↑ 7
Journal of Endocrinology	4.381	31	↓ 0.369	↑ 5
Molecular and Cellular Endocrinology	3.693	48	↑ 0.130	↑ 2
Clinical Endocrinology	2.897	79	↓ 0.180	↓ 9
Endocrine Connections	2.474	93	↓ 0.567	↓ 20


Endocrine Society Journals' Impact Factors, 2004–2018
26.000
24.000
22.000
20.000
18.000
16.000
14.000
12.000
10.000
8.000
6.000
4.000
2.000
0.000
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
Endocr Rev
Endocrinology
J Clin Endocr Metab
Mol Endocrinol


Competing Journals' Impact Factors, 2014–2018
30.000
25.000
20.000
15.000
10.000
5.000
0.000
2014
2015
2016
2017
2018
Endocr Rev
J Clin Endocr Metab
Endocrinology
Mol Endocrinol
Clin Endocrinol
Diabetes
Diabetes Care
Endocr Connect
Endocr Rev
Endocrinology
Endocr-Relat Cancer
Eur J Endocrinol
J Clin Endocr Metab
J Endocrinol
Lancet Diabetes Endo
Mol Cell Endocrinol
Mol Endocrinol
Nat Rev Endocrinol

Journals in the Clarivate JCR category "Endocrinology & Metabolism" 2018 (total: 145):

- ACTA DIABETOLOGICA
- Acta Endocrinologica-Bucharest
- Adipocyte
- Aging Male
- 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
- Endocrinologia y Nutricion
- ENDOCRINOLOGY
- 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 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
- Pediatric Endocrinology Reviews PER
- 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