

2018 Impact Factors Released for TMS Journals; New ICME Award; TMS Members Honored by MetSoc

Impact Factors Increase for TMS Journals

The Impact Factors (IF) for TMS's four long-established journals continue their upward trend with the recent release of the 2018 Journal Citation Reports (Clarivate Analytics, 2019).

Impact Factor is the average number of citations counted in a given Impact Factor year for articles published in the two preceding years. It is based on the number of citations of a journal's content divided by the number of citable articles published by that journal. Authors often refer to the IF of a journal for guidance when seeking to maximize exposure of their work.

What follows are the 2018 numbers for each journal (with 2017 numbers in parentheses):

- *JOM*: 2.305 (2.145)
- *Journal of Electronic Materials*: 1.676 (1.566)
- *Metallurgical and Materials Transactions A*: 1.985 (1.887)
- *Metallurgical and Materials Transactions B*: 1.952 (1.834)

While IF can vary from year to year for a variety of reasons, TMS journals have generally tracked in a positive direction (see Figure 1), and also have achieved strong placement in Clarivate's ranking by subject categories (see Table I).

To access TMS's entire library of journals, visit the Journals section within the Publications tab on the TMS website at www.tms.org. Through this portal, TMS

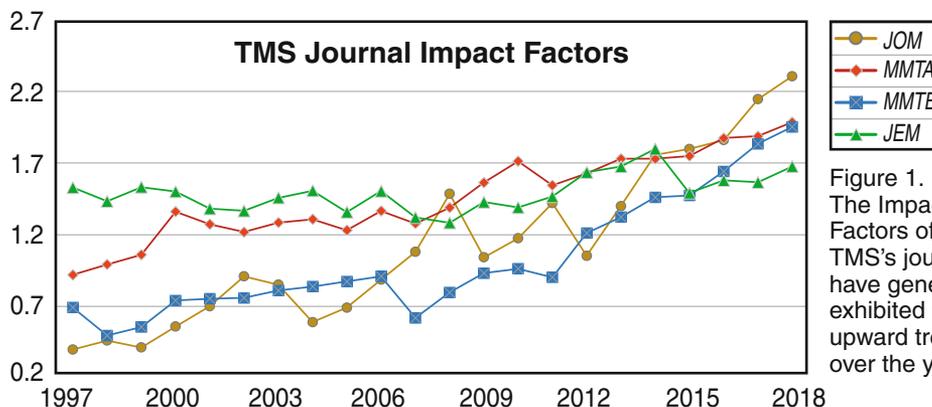


Figure 1. The Impact Factors of TMS's journals have generally exhibited an upward trend over the years.

Table I: TMS Journal Rank by Subject Category

Category Name	Total Journals 2018	JOM	MMTA	MMTB	JEM
Materials Science, Multidisciplinary	293	142	163	169	195
Metallurgy & Metallurgical Engineering	76	17	19	20	-
Mineralogy	29	11	-	-	-
Mining & Mineral Processing	19	5	-	-	-
Engineering, Electrical & Electronic	265	-	-	-	162
Physics, Applied	148	-	-	-	85

Table I. This table presents all the subject categories assigned to TMS journals, as well as the rank of TMS journals within these categories.

members have free access to current and archived issues of all TMS journals as well as 20 other materials-related journals

published by Springer. Remember to first log in to the TMS website and then select the journal that you wish to read.

New ICME Award from TMS

TMS's new **ICME Industry Implementation Award** recognizes the significant achievements that industry has made to implement integrated computational materials engineering (ICME) methods into a manufacturing process and/or design of a new material. This division-level award is sponsored by the TMS Materials Processing & Manufacturing Division. It will be awarded every two years at the ICME World Congress, where award recipients will be honored with a keynote presentation at that year's meeting, along with a complimentary registration.

Individuals or teams interested

in applying should demonstrate the implementation of an ICME process that integrates computational and experimental methods across at least two length and/or time scales to accelerate the design and/or optimization of new material and/or manufacturing process. Impact of the implementation should have been made public within the last five years of the nomination.

Applications must be submitted to awards@tms.org by **April 1, 2020**, to be considered for the 2021 award. Visit awards.tms.org for a complete list of award criteria and for more information on applying.



Boyd Davis



Hatem Zurob



Hani Henein



Justin Plante

TMS Members Receive MetSoc Awards

Congratulations to the following TMS members for being honored by The Metallurgy & Materials Society (MetSoc) of the Canadian Institute of Mining, Metallurgy and Petroleum (CIM). The awards were presented at the MetSoc Awards Banquet on August 20, during the 2019 Conference of Metallurgists (COM 2019) in Vancouver.

Silver Medal

Boyd Davis

Principal, Kingston Process Metallurgy Inc.

TMS member since 1999

The Silver Medal recognizes an individual who has contributed over a long period of time to the growth of MetSoc.

MetSoc Brimacombe Award

Hatem Zurob

Professor and Chair, Department of Materials Science and Engineering, McMaster University

TMS member since 1996

The Brimacombe Award recognizes young achievers who have made noteworthy

contributions in any of the scientific and technological disciplines relevant to MetSoc.

MetSoc Award for Research Excellence,

sponsored by Rio Tinto

Hani Henein

Professor, Alberta University

TMS member since 1981

MetSoc's highest honor for metallurgical contribution by an academic or research scientists in a Canadian research laboratory or Canadian university, this award recognizes lifetime achievement in teaching and research resulting in significant metallurgical developments.

MetSoc Masters Scholarship

Justin Plante

Student, Université Laval

TMS member since 2016

The MetSoc Masters Scholarship encourages and supports the attainment of educational goals by masters' students who have demonstrated a high level of academic achievement at a Canadian university.

member news

Share the good news about your professional accomplishments! Contact Kaitlin Calva, JOM Magazine Managing Editor, at kcalva@tms.org. Please note that only news submitted by current TMS members will be considered.