

# 2017 Impact Factors Released for TMS Journals

## TMS Journal Impact Factors Continue Positive Trend

The Impact Factor (IF) for the TMS member journal, *JOM*, increased to 2.145, with the recent release of the 2017 Journal Citation Reports (Clarivate Analytics, 2018), making it the first TMS journal to achieve the 2.0 IF milestone. *Metallurgical and Materials Transactions A* and *B* also experienced IF increases.

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 2017 numbers for TMS's four long-established journals (with 2016 numbers in parentheses):

- *JOM*: 2.145 (1.860)

- *Journal of Electronic Materials*: 1.566 (1.579)
- *Metallurgical and Materials Transactions A*: 1.887 (1.874)
- *Metallurgical and Materials Transactions B*: 1.834 (1.642)

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

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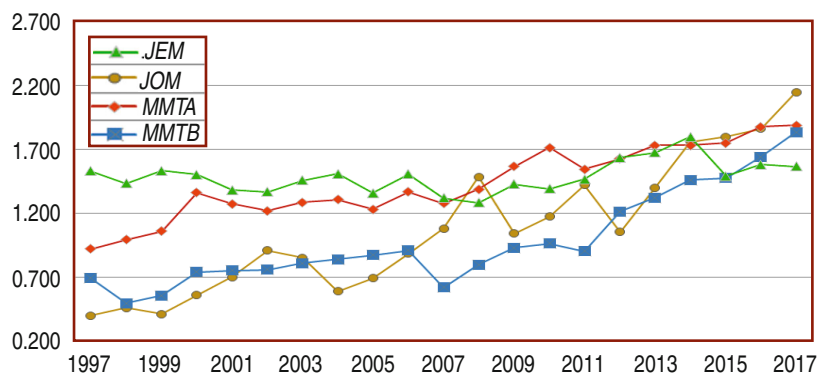


Figure 1. The Impact Factor scores of TMS's established journals have generally exhibited an upward trend over the years.

Table I: TMS Journal Rank by Subject Category

Category Name	Total Journals 2017	JEM	JOM	MMTA	MMTB
Materials Science, Multidisciplinary	285	185	135	154	156
Metallurgy & Metallurgical Engineering	75	–	12	19	20
Mineralogy	29	–	11	–	–
Mining & Mineral Processing	20	–	5	–	–
Engineering, Electrical & Electronic	260	150	–	–	–
Physics, Applied	146	88	–	–	–

## Congratulations to the JIM and FEMS International Scholars

TMS welcomed the Young Leaders International Scholar award recipients from the Japan Institute of Metals and Materials (JIM) and the Federation of European Materials Societies (FEMS) at the TMS 2018 Annual Meeting & Exhibition (TMS2018). The joint exchange program, which also supports sending two TMS members to JIM and FEMS Annual Meetings, was established to promote an active young member base and strengthen collaboration between the international societies. (Read about Amber Genau, 2018 JIM/TMS International Scholar, in the September 2018 *JOM* article “Culture, Research, and New Opportunities: One International Scholar’s Perspective.”)

The 2018 JIM Young Leader International Scholar is Atsushi Unemoto, who presented “Advanced Study on Complex Hydrides for All-Solid-State Secondary Batteries” at TMS2018. Unemoto currently works as a researcher in the Research & Development Group at

Hitachi Ltd., where he is involved in the R&D of materials and devices for lithium rechargeable batteries. Prior to his position at Hitachi, Unemoto held several positions at Tohoku University, where he also received his bachelor’s of engineering, master’s of engineering, and doctor of environmental studies degrees.

The 2018 FEMS Young Leader International Scholar is Jonathan Cormier, associate professor at the Institut Supérieur de l’Aéronautique et de l’Espace at École Nationale Supérieure de Mécanique et d’Aérotechnique (ISAE-ENSMA). Cormier obtained a degree in aeronautical engineering specializing in mechanics of materials from ISAE-ENSMA, and his Ph.D. from the University of Poitiers. He presented “Challenges for the Design of Ni-based SX Superalloys Components” as part of the FEMS Keynote Symposium at TMS2018. In 2016, he was appointed as an editor of *Metallurgical and Materials Transactions A*.



**Atsushi Unemoto**



**Jonathan Cormier**

## TMS Welcomes New Members

**The TMS Board of Directors approved professional membership for the following individuals at its July 2018 meeting. Please join us in congratulating and welcoming them to all the privileges and benefits of TMS membership.**

Ajaero, Austin; Petrohols, United States

Akama, Daichi; Mitsubishi Heavy Industries Ltd, Japan

Akbari, Morteza; United States

Akdas, Necdet U.; Akdas Casting Ind & Trade Co., Turkey

Akepati, Vikram; Emprada Mines and Minerals, United States

Ali Flamarzi, Abdul Rahman; EGA, United Arab Emirates

Allegucci, Thierry; Fives Solios Inc., Canada

Allen, Andrew John; National Institute of Standards and Technology, United States

Alomair, Mashael M.; Hatch Ltd, Canada

Altenburg, Simon J.; Bundesanstalt für Materialforschung und -prüfung, Germany

Alvarez, Pedro; IK4-LORTEK, Spain

Amaro, Christopher M.; Arconic, United States

Anderson, Patrick David; Eindhoven University, Netherlands

Andersson, Christel; Tetra Pak, Sweden

Andreasen, Jens Wenzel; Technical University of Denmark, Denmark

Andrulonis, Rachael; Wichita State University - NIAR, United States

Apetre, Nicole; Technical Data Analysis Inc, United States

Arie, Martinus A.; University of Maryland, United States

Arnold, Josh; North Shore Steel, United States

Ashlanides, Demetrius Eleftherios; AMS Forces, Belgium

Ayvar Soberanis, Sabino; University of Sheffield, United Kingdom

Bain, Erich D.; U.S. Army Research Laboratory, United States

Barboza, Luis; FRISA, Mexico

Beaman, Joseph J.; The University of Texas at Austin, United States

Beaumier, Craig; Quintus, United States

Bender, Matt; ATI Flat Rolled Products, United States

Bergvall, Erik; Tetra Pak, Sweden

Bernard, Dominique; Institute of Condensed Matter Chemistry, France

Bernier, Jonathan; Rio Tinto, Canada

Bi, Zhongnan; Central Iron and Steel Research Institute, China

Bonnaud, Etienne L.; Swerea Kimab, Sweden

Boona, Isabel N.; The Ohio State University, United States

Boone, Marijn; XRE NV, Belgium

Bortner, Michael; Virginia Polytechnic Institute, United States

Bouche, Christophe; Fives Solios SA, France	Colnago, Davide; Forgiatura A.Vienna Srl, Italy	Fischer, Torben; Helmholtz-Zentrum Geesthacht, Germany	Hagita, Katsumi; National Defense Academy, Japan
Bouille, Eric; Alcoa Deschambault, Canada	Conlin, Steve; ICD Alloys and Metals LLC, United States	Francois, Arnaud; Cenaero, Belgium	Hall, Stephen; Lund University, Sweden
Bowen, Jacob R.; Technical University of Denmark, Denmark	Cook, Phil; European Synchrotron Radiation Facility, France	Fu, Yanan; Shanghai Synchrotron Radiation Facility, China	Hammer, Martin; Böhler Edelstahl GmbH & Co KG, Austria
Bowman, Cheryl L.; NASA Glenn Research Center, United States	Craig, James E.; Stratronics Inc, United States	Fuh, Jerry Y. H.; National University of Singapore, Singapore	Haraldsson, Christina; Sandvik Materials Technology AB, Sweden
Buchmann, Werner; Motor & Turbine Union GmbH & Co KG, Germany	Czabaj, Michael; University of Utah, United States	Furusho, Chihiro; Daido Steel, Japan	Hasebe, Yusaku; Japan
Burks, Jody; IBM, United States	Dariavach, Nader; Johnson & Johnson, United States	Gable, Brian M.; Apple, United States	Hata, Kengo; Nippon Steel & Sumitomo Metal Corporation, Japan
Burnett, Tim; University of Manchester, United Kingdom	Dengel, John; ALS Global, United States	Gagne, Jean-Pierre; Stas Inc., Canada	Hebestreit, Jens H.; Andritz Metals Inc, United States
Büscher, Markus; OTTO FUCHS KG, Germany	Dennstedt, Anne; Centre des Matériaux - Mines Paristech, France	Gainey, Kathy; Technetics Group, United States	Heigel, Jarred; National Institute of Standards and Technology, United States
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	Evsevlev, Sergei; Bundesanstalt für Materialforschung und -prüfung, Germany		

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