

## Editorial

Andreas Thoss

# Good news!

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We hear a lot of negative news these days, so it might be well worth to share some good news. On June 23, 2020, the scientific publisher Elsevier released the 2019 CiteScore values. This is a scientific metric that essentially tells how often articles in a journal are cited by other articles. *Advanced Optical Technologies* was awarded a value of 2.5, which is a remarkable achievement for a journal focused on industry-related publications!

It should be noted that the CiteScore is counted very differently than the well-known JCR impact factor (IR). The latter counts the citations in one year on publications in the two previous years. In other words, the IR of a journal for 2019 counts all citations on articles published in 2018 and 2017 in this journal. The number of citations is divided by the number of publications in 2017 and 2018. To make things more complex, the IF for 2019 is published in the mid of 2020.

The new CiteScore is much simpler: Just divide the number of citations of the last four years by the number of publications in the journal. For *Advanced Optical Technologies*, 153 articles have been published in the four years between 2016 and 2019. These articles received 383 citations during these years. So, the CiteScore of AOT for 2019 is  $383/153 = 2.5$ . This new metric eliminates most discussions about rapid (how to count citations in the year of publication?) and slow (what if the major citation happens after two years?) publications.

## New board members

There is more good news to share: AOT welcomes two new members on its Editorial Board. The first is Jörn Bonse. He is a senior scientist at the Federal Institute for Materials Research and Testing (BAM) in Berlin, Germany. He holds a

doctoral degree in physics from the Technical University of Berlin. His research interests include the fundamentals and applications of laser-matter interaction, especially with respect to ultrashort laser pulses, laser-induced periodic nanostructures, time-resolved optical techniques, laser processes in photovoltaics, and laser-related safety aspects. Together with Andres Fabian Lasagni, Björn was a guest editor for the topical issues on “Laser micro- and nano-material processing” earlier this year.

The second new member of the Editorial Board is Markus Krutzik. Markus holds a doctoral degree in experimental physics from Humboldt-Universität zu Berlin. Markus Krutzik has been in charge of the Joint Lab Integrated Quantum Sensors of the Ferdinand-Braun-Institut (FBH) and Humboldt-Universität zu Berlin since January 2019. At FBH, Markus Krutzik’s work focuses on the development of compact and atom-based instruments for the high-precision measurements of physical quantities and fields. At Humboldt University, he is the team lead for quantum space technology. Together with two other guest editors, Markus is currently working on a topical issue on “Applied Quantum Technology” in *Advanced Optical Technologies*. This issue will be published later this year.

The current issue is a short collection of articles which were submitted to *Advanced Optical Technologies* separate to the regular topical issue. The next topical issue will be issue number 5 of this volume and deal with “Applied Quantum Technology”.

## Bionote



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Andreas Thoss studied physics and received his diploma and PhD degrees from the Free University of Berlin in 1995 and 2003, respectively. For both degrees, he did research at Max Born Institute, Berlin, on the field of ultrashort and ultraintense laser

pulses. From 1996 to 1999, he worked as a development engineer for medical laser systems with Aesculap-Meditec (now ZEISS Meditec) in Jena. In 2003, he joined the international publishing house, John Wiley & Sons. There, he gathered comprehensive experience as a publisher, editor, and commissioning editor in the

areas of book, journal, and online publishing. Among others, he cofounded the journals, *Laser & Photonics Reviews* (2007) and the *Journal of Biophotonics* (2008). Since its foundation in 2010, he manages THOSS Media, where he cofounded *Advanced Optical Technologies*.