ACS OMEGA

Editorial

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ACS Omega Makes a Global Impact

"*What is the Impact Factor of ACS Omega?*" This is a question that we, editors of *ACS Omega*, frequently encounter during our travels to conferences around the world. This question arises even though our Journal Scope states: "*ACS Omega* is an open-access global publication for scientific articles that describe new findings in chemistry and interfacing areas of science, without any perceived evaluation of immediate impact."

As we mentioned in our previous Editorial,[1] in 2018 *ACS Omega* advanced from Clarivate Analytics' Web of Science Emerging Sources Citation Index to the main Science Citation Index Expanded database. As a result, the journal received its inaugural Impact Factor in June 2019. After fielding this question innumerable times since our journal launch, we can finally answer this question for researchers. ***The inaugural Impact Factor of ACS Omega is 2.584***. In mentioning this, it should be noted that the journal started publishing articles in July 2016, and therefore, this value does not include the full two-year cycle of published content nor the full time frame (up to two full years) to earn citations. Thus, the window for the Impact Factor is smaller, and consequently, the value received is lower than a full two-year Impact Factor. We anticipate, based on broad experience with other journals launching midyear, that the Impact Factor released in the summer of 2020 will increase.

But, let us look beyond this single metric, whose pros and cons are well documented,[2,3] to the many ways in which we can already measure the impact (not only the Impact Factor) of *ACS Omega*. *ACS Omega* has attracted a truly global authorship (Figure 1), with 4,250 peer-reviewed articles published since launch (data range July 2016−May 2019) by corresponding authors from 71 different countries already earning 8,320 citations (Clarivate Web of Science, accessed June 24th, 2019). Displayed in Table 1 are the top 10 most cited articles. Articles published in *ACS Omega* have cumulatively been viewed and downloaded nearly 3 million times by interested readers from around the world (Figure 2). In keeping with our open-access mission, this readership profile is made up of an approximately 50%/50% split between ACS institutional subscribers and non-subscribers. Additionally, articles published in *ACS Omega* have been mentioned over 5,500 times on social media, including more than 400 mentions in various news Web sites and blogs. Our Twitter (https://twitter.com/ACS_Omega) demographics have spanned 80 countries with close to 3,000 unique tweeters sharing content from our journal. Here, we share a selection of articles that grabbed attention on social media (Table 2). As always, we are grateful to all of our authors, reviewers, editorial board members, and readers who have helped make *ACS Omega* an impactful journal by all these

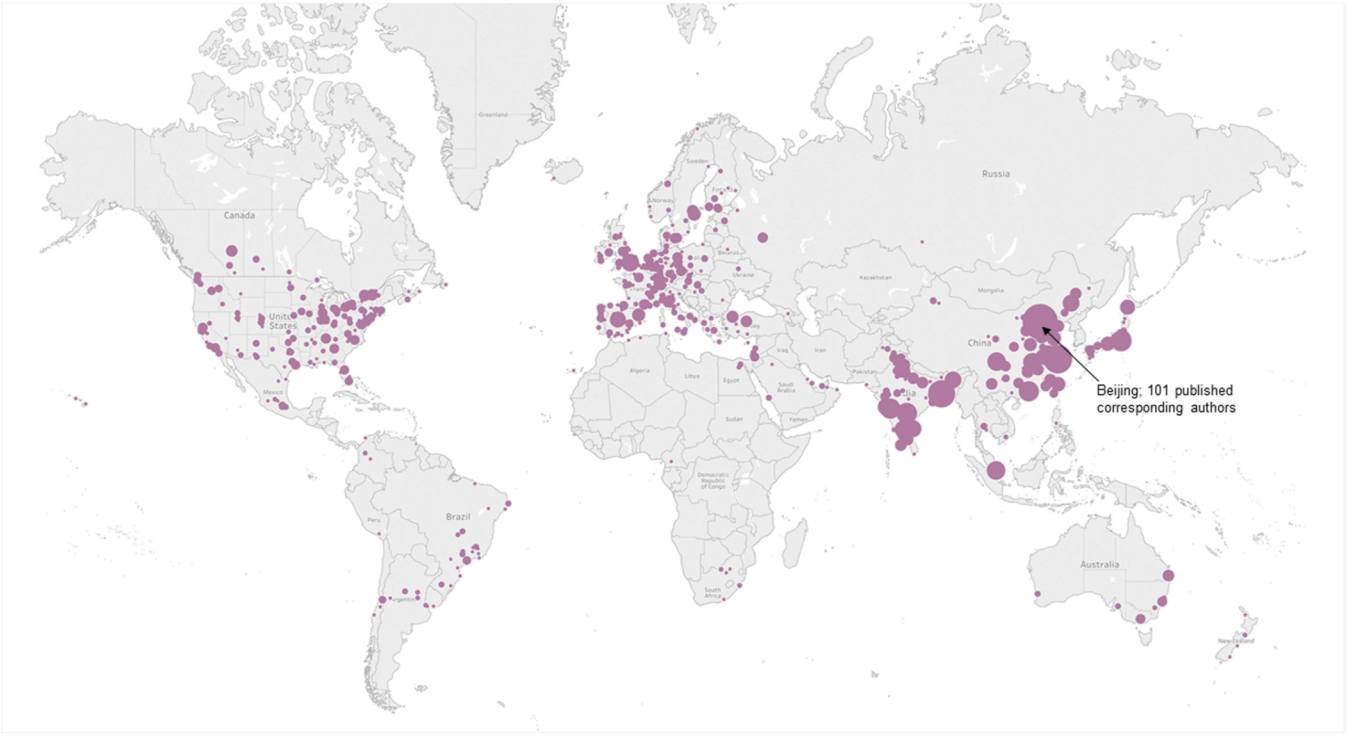

Figure 1. Global distribution of published corresponding authors for *ACS Omega* is shown (purple circles). Each corresponding author is included once, and the size of the circle corresponds to the number of published corresponding authors in that location. The city of Beijing is labeled with 101 published corresponding authors to indicate scale.

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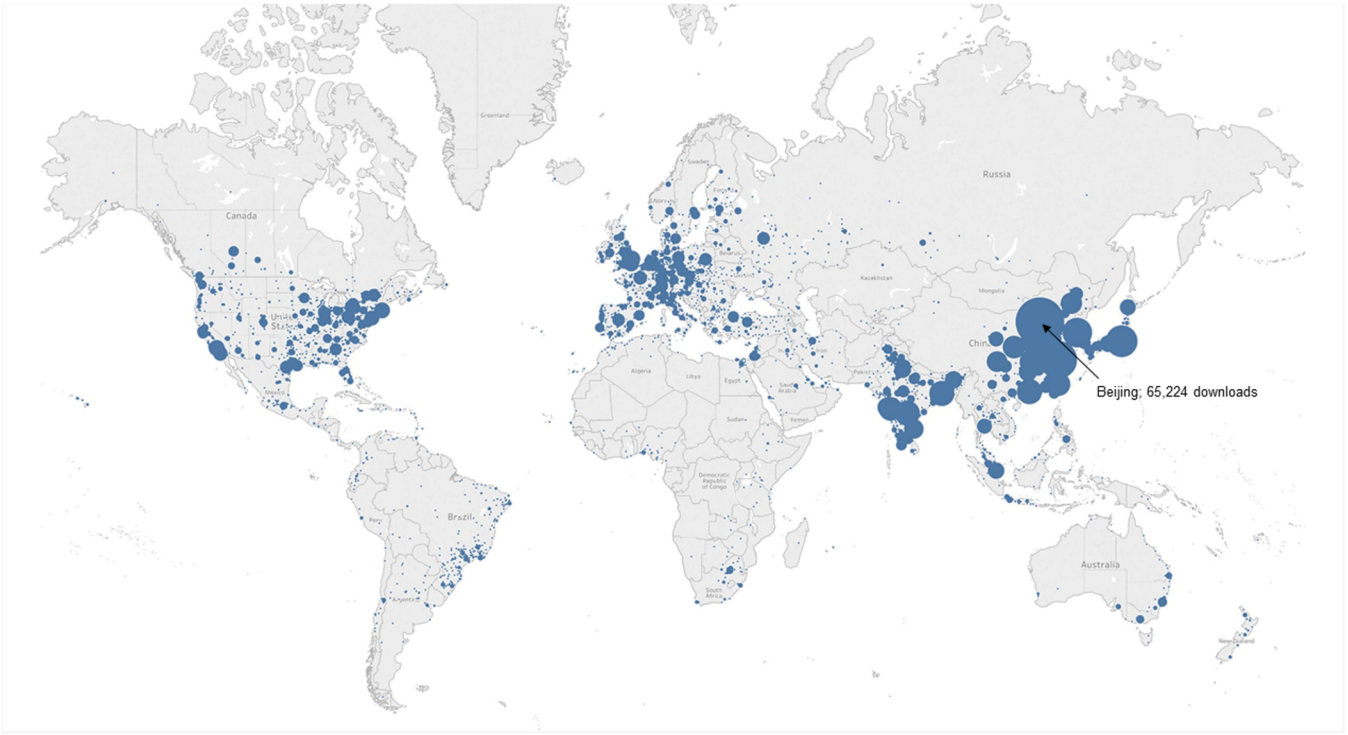

Figure 2. Geographic distribution of article downloads for *ACS Omega* is shown (blue circles). The size of the circle corresponds to the number of downloads from that particular location. The city of Beijing is labeled with >65,000 downloads to indicate scale.

Table 1. Top 10 Most Cited Articles Published in *ACS Omega*

Citations	Article Views	Title and Author List (*corresponding author)	Citation
48	2340	**Rocking Chair Desalination Battery Based on Prussian Blue Electrodes**. Jaehan Lee, Seonghwan Kim, and Jeyong Yoon*	*ACS Omega* **2017**, *2* (4), 1653−1659. DOI: 10.1021/acsomega.6b00526
38	4509	**Aldehyde Detection in Electronic Cigarette Aerosols**. Mumiye A. Ogunwale, Mingxiao Li, Mandapati V. Ramakrishnam Raju, Yizheng Chen, Michael H. Nantz, Daniel J. Conklin, and Xiao-An Fu*	*ACS Omega* **2017**, *2* (3), 1207−1214. DOI: 10.1021/acsomega.6b00489
34	5899	**Journey of Aggregation-Induced Emission Research**. Zikai He, Chunqiao Ke, and Ben Zhong Tang*	*ACS Omega* **2018**, *3* (3), 3267−3277. DOI: 10.1021/acsomega.8b00062
33	4398	**NiOx Hole Transport Layer for Perovskite Solar Cells with Improved Stability and Reproducibility**. Md. Bodiul Islam, Masatoshi Yanagida, Yasuhiro Shirai*, Yoichi Nabetani, and Kenjiro Miyano	*ACS Omega* **2017**, *2* (5), 2291−2299. DOI: 10.1021/acsomega.7b00538
33	2657	**Photoluminescence Blinking of Single-Crystal Methylammonium Lead Iodide Perovskite Nanorods Induced by Surface Traps**. Haifeng Yuan*, Elke Debroye, Giorgio Caliandro, Kris P. F. Janssen, Jordi van Loon, Christine E. A. Kirschhock, Johan A. Martens, Johan Hofkens, and Maarten B. J. Roeffaers*	*ACS Omega* **2016**, *1* (1), 148−159. DOI: 10.1021/acsomega.6b00107
31	3396	**Predicting Binding Affinities for GPCR Ligands Using Free-Energy Perturbation**. Eelke B. Lenselink, Julien Louvel, Anna F. Forti, Jacobus P. D. van Veldhoven, Henk de Vries, Thea Mulder-Krieger, Fiona M. McRobb, Ana Negri, Joseph Goose, Robert Abel, Herman W. T. van Vlijmen, Lingle Wang, Edward Harder, Woody Sherman, Adriaan P. IJzerman*, and Thijs Beuming*	*ACS Omega* **2016**, *1* (2), 293−304. DOI: 10.1021/acsomega.6b00086
30	1206	**Piezoresistive Response of Quasi-One-Dimensional ZnO Nanowires Using an in Situ Electromechanical Device**. Sören Kaps*, Sanjit Bhowmick*, Jorit Gröttrup, Viktor Hrkac, Douglas Stauffer, Hua Guo, Oden L. Warren, Jost Adam, Lorenz Kienle, Andrew M. Minor, Rainer Adelung, and Yogendra Kumar Mishra*	*ACS Omega* **2017**, *2* (6), 2985−2993. DOI: 10.1021/acsomega.7b00041
29	8051	**Recent Progress in the Photocatalytic Reduction of Carbon Dioxide**. S. R. Lingampalli, Mohd Monis Ayyub, and C. N. R. Rao*	*ACS Omega* **2017**, *2* (6), 2740−2748. DOI: 10.1021/acsomega.7b00721
28	3174	**Metal−Organic Framework/Graphene Quantum Dot Nanoparticles Used for Synergistic Chemo- and Photothermal Therapy**. Zhengfang Tian, Xianxian Yao, Kexin Ma, Xingxing Niu, Julia Grothe, Qingni Xu, Liansheng Liu, Stefan Kaskel*, and Yufang Zhu*	*ACS Omega* **2017**, *2* (3), 1249−1258. DOI: 10.1021/acsomega.6b00385
28	2767	**One-Step Synthesis of a Self-Supported Copper Phosphide Nanobush for Overall Water Splitting**. Shuting Wei, Kun Qi, Zhao Jin, Jiashu Cao, Weitao Zheng, Hong Chen, and Xiaoqiang Cui*	*ACS Omega* **2016**, *1* (6), 1367−1373. DOI: 10.1021/acsomega.6b00366

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Table 2. Selected *ACS Omega* Articles Reflecting Topical Diversity with High Altmetric Scores

Altmetric Attention Score	Article Views	Title and Author List (*corresponding author)	Citation
326	13733	**Rheology of Swiss Cheese Fondue**. Pascal Bertsch*, Laura Savorani, and Peter Fischer*	*ACS Omega* **2019**, *4* (1), 1103−1109. DOI: 10.1021/acsomega.8b02424
225	51865	**Toxicant Formation in Dabbing: The Terpene Story**. Jiries Meehan-Atrash, Wentai Luo, and Robert M. Strongin*	*ACS Omega* **2017**, *2* (9), 6112−6117. DOI: 10.1021/acsomega.7b01130
200	4703	**Looking into Limoncello: The Structure of the Italian Liquor Revealed by Small-Angle Neutron Scattering**. Leonardo Chiappisi* and Isabelle Grillo	*ACS Omega* **2018**, *3* (11), 15407−15415. DOI: 10.1021/acsomega.8b01858
163	6864	**Musical Instruments As Sensors**. Heran C. Bhakta, Vamsi K. Choday, and William H. Grover*	*ACS Omega* **2018**, *3* (9), 11026−11032. DOI: 10.1021/acsomega.8b01673
154	1505	**Determination and Comparison of the Strontium-90 Concentrations in Topsoil of Fukushima Prefecture before and after the Fukushima Daiichi Nuclear Accident**. Mitsuyuki Konno and Yoshitaka Takagai*	*ACS Omega* **2018**, *3* (12), 18028−18038. DOI: 10.1021/acsomega.8b02640
111	1338	**Exploring Exercise- and Context-Induced Peptide Changes in Mice by Quantitative Mass Spectrometry**. Sarah E. Dowd, Martina L. Mustroph, Elena V. Romanova, Bruce R. Southey, Heinrich Pinardo, Justin S. Rhodes, and Jonathan V. Sweedler*	*ACS Omega* **2018**, *3* (10), 13817−13827. DOI: 10.1021/acsomega.8b01713

metrics. This is just the beginning of our journey, and we are confident that the influence of our nascent journal will continue to grow.

In closing, we would like to provide a few updates on *ACS Omega* of interest to our authors and readers.

- As promised in our previous Editorial,[1] we initiated various strategies and workflows to handle the growing number of submissions and to accelerate our processing times. As a result, there has been a marked improvement in our processing times in 2019, with median submission to first decision times now at 22 days and submission to acceptance now at 53 days (down from 62 days in 2018). We continue to strive to provide a truly valuable author experience, ensuring that articles are handled as expeditiously as possible, maintaining our journal's uncompromising hallmarks of high-quality peer review and careful editorial decision making.
- By popular demand, we have introduced a new manuscript type called "Mini-Reviews", short accounts of rapidly emerging areas, techniques, or processes, in cross-disciplinary research domains. We encourage interested authors to read the detailed submission guidelines for this new manuscript type at https://pubsapp.acs.org/paragonplus/submission/acsodf/acsodf_authguide.pdf and contact the Managing Editors at managing.editor@omega.acs.org with any presubmission inquiries.
- Finally, we sincerely thank Prof. Dean Tantillo, one of our inaugural Associate Editors, for his outstanding service to our journal as he bids the team farewell at the end of June 2019 and welcome our newest Associate Editors who joined the team in the second quarter of 2019: Prof. Sarbajit Banerjee (Texas A&M University, USA) and Prof. Jeehiun Lee (Rutgers University, USA). With these editorial changes, the composition of our board remains topically and geographically diverse, with four editors based in Europe, three in China, two in India and the USA, and one in each Brazil and Japan. Maintaining diversity remains at the heart of *ACS Omega*'s mission in serving our global authorship and enhancing our global impact.

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Notes

Views expressed in this editorial are those of the authors and not necessarily the views of the ACS.

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