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It was certainly our hope that the journal would do well, and we are obviously very pleased by its success thus far. A new journal always takes some time to get established and known within research communities, so the biggest surprise was that the journal seemed to become recognized as one of the preferred places to publish in these new and emerging areas and communities so quickly. The journal only published its first issue in January 2007, but we published over 3,000 articles in 2008. The success of the *Journal of Physical Chemistry C* demonstrates that there is still a desire for authors to publish in a multidisciplinary, multi-scoped journal.

SW: How would you account for the increased citation rate of the *Journal* of *Physical Chemistry C*?

The large numbers of citations are likely the result of: (1) the rigorous and selective editorial process of articles in which every article submitted is handled by one of 30 editors who are also professors and active researchers and (2) the exciting and growing nature of the topics chosen for the Journal of Physical Chemistry C. This combination has helped us to attract and publish high-guality articles which authors and readers have found to be immediately useful and relevant.

#### SW: Was there a change in policy or editorial direction that might account for this?

One decision that may have affected the growth in citations was the choice of topics to be published in Journal of Physical Chemistry C. The distribution of topics in Journal of Physical Chemistry A, B, and C was based on several considerations, including what made sense scientifically and balanced out the three journals. Some topics, such as nanomaterials and catalysis, were largely transferred from the Journal of Physical Chemistry B. However, some new topics were added, including energy research and electron transport processes, reflecting growth of these subdisciplines of physical chemistry.

## SW: What historical factors have contributed to the success of the Journal of Physical Chemistry C?

As I mentioned earlier, the Journal of Physical Chemistry C was split from Journal of Physical Chemistry A and B. The Journal of Physical Chemistry has a long history, publishing its first issue in 1896, and finally growing so much that it needed to be reorganized into two separate parts in 1997. Throughout the journal's history, it has continued to evolve as the field of physical chemistry progressed, and the journal has become well known in the process for keeping up with the changing field.

I think that the history and established reputation of excellence of Journal of Physical Chemistry A and B certainly has helped Journal of Physical Chemistry C achieve success so quickly. In addition, the rigorous and efficient editorial and publication processes established with the Journal of Physical Chemistry A and B forged the way for part C to achieve rapid success.

## SW: Have there been specific developments in the fields served by the Journal of Physical Chemistry C that may have contributed?

	The Journal of Physical Chemistry C covers several areas that have seen tremendous
"The	growth in recent years. One of the largest areas is nanoparticle research, which involves
journal	structural, chemical, magnetic, electrical, and optical properties of nanoparticles and
only	related nanostructures, as well as nanoparticle interactions with surfaces and
published	biomolecules. Other major areas include catalysis and surface science, energy storage,
its first	and various types of solar cells. The ongoing growth of these areas is a major cause for
issue in	the growth in citations for the journal.
January	SW: What, in your view, is this journal's main significance or contribution in the
2007,	field of Physics?
but we published over 3,000 articles in 2008."	The <i>Journal of Physical Chemistry C</i> has become a multidisciplinary journal. Authors contributing to the journal are physical chemists, physicists, biophysicists, chemical engineers, and surface scientists. The research topics within <i>Journal of Physical Chemistry C</i> involve all of these different types of researchers. Perhaps one of the biggest contributions of the journal is the drawing together of many different types of researchers to address scientific challenges of interest to the physical chemistry community. The emphasis on physical chemistry makes the <i>Journal of Physical</i>
	Chemistry C distinct from a number of physics journals.

#### SW: How do you see your field(s) evolving in the next few years?

I would expect that we will see continued growth in all the subdisciplines represented in the Journal of Physical Chemistry C. Energy research received a big boost in funding in many countries recently, so this field of research should really take off. The nanoparticles/catalysis/surface-science fields continue to evolve rapidly due to applications in sensing, electronics and photonics, new materials, conventional and nonconventional fuels, etc. We even see manuscripts related to food science and cosmetics, but of course with a focus on physical chemistry.

SW: What role do you see for your journal?

of the biggest contributions of the journal is the drawing together of many different types of researchers to address scientific challenges of interest to the physical chemistry community."

"Perhaps one

The Journal of Physical Chemistry will continue to keep up with the pulse of physical chemistry and
reorganize when there are significant changes to the field and/or community the journal serves. The
Journal of Physical Chemistry C, in particular, will play a key role in dissemination of important research
results in the new areas I outlined above. With the excellent group of editors and staff working on the
journal, I am confident that it will continue to attract and publish high-quality, cutting-edge research in all
areas of physical chemistry.

*Journal of Physical Chemistry C* George Schatz, Editor-in-Chief American Chemical Society, Publishers

# *Journal of Physical Chemistry C's* current most-cited paper in *Essential Science Indicators*, with 157 cites:

Kamat PV, "Meeting the clean energy demand: Nanostructure architectures for solar energy conversion," *J. Phys. Chem. C* 111 (7): 2834-60, 22 February 2007. Source: *Essential Science Indicators* from Thomson Reuters.

KEYWORDS: PHYSICAL CHEMISTRY, NANOMATERIALS, NANOSTRUCTURES, OPTICS, ELECTRONICS, ENERGY CONVERSION, ENERGY STORAGE, CATALYSIS, ENERGY RESEARCH, SURFACE SCIENCE, ELECTRON TRANSPORT PROCESSES, EDITORIAL SELECTION, PUBLICATION PROCESS, JOURNAL HISTORY, MULTIDISCIPLINARY JOURNAL.

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