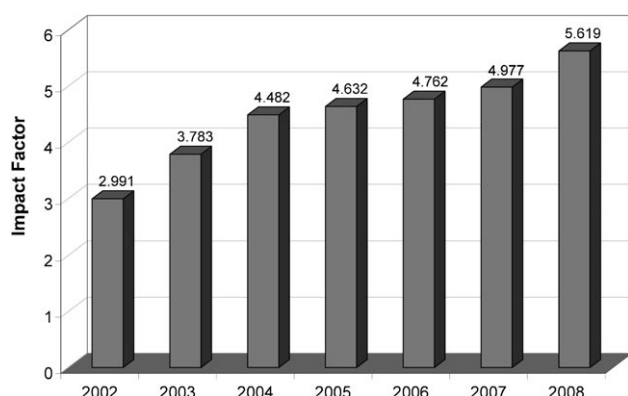


## 5.619! The Advanced Synthesis & Catalysis 2008 Impact Factor is the Highest Ever for a Primary Organic Chemistry Journal

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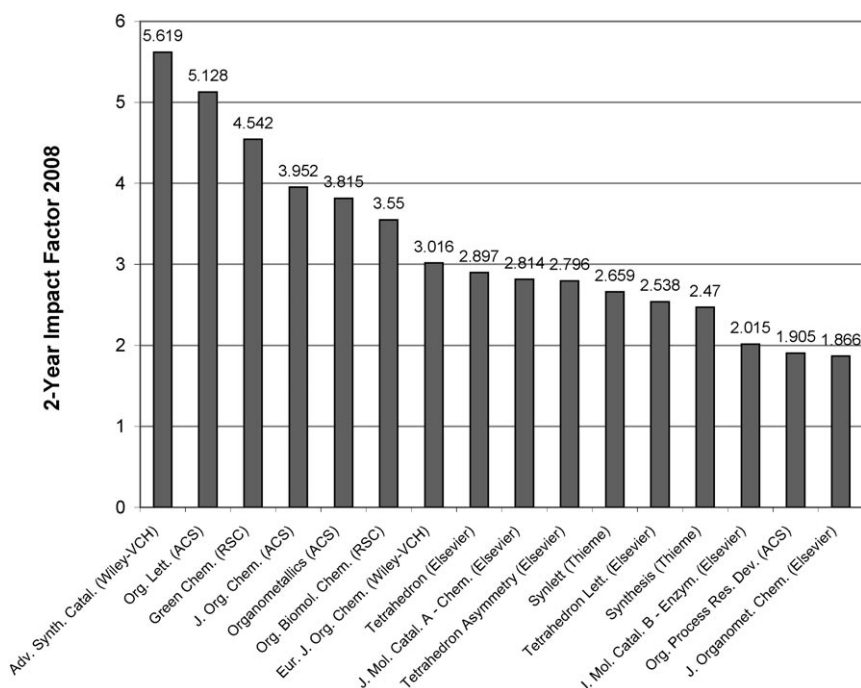
The high Impact Factor<sup>[1]</sup> of *Advanced Synthesis & Catalysis* in the past has established the reputation of



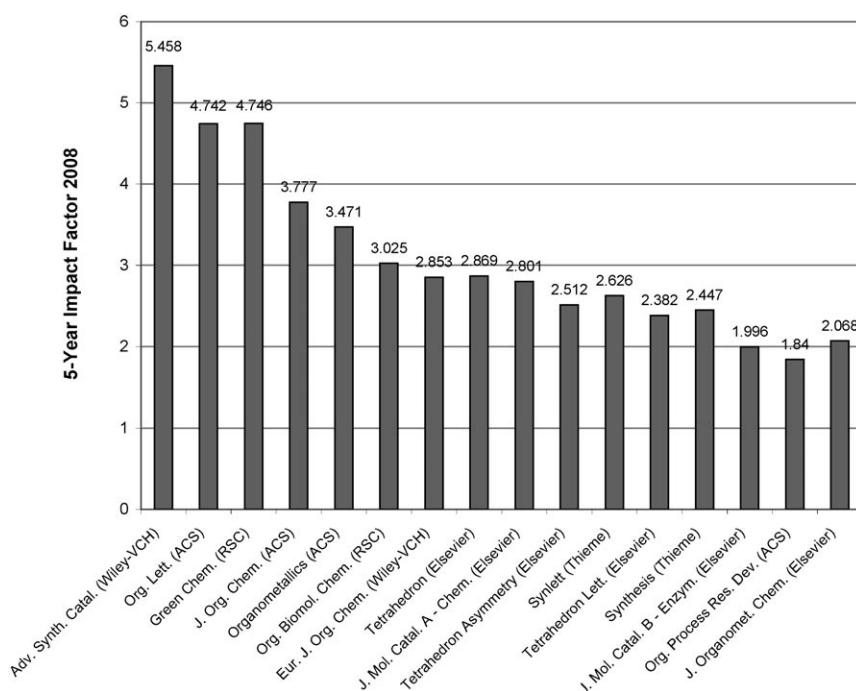
**Figure 1.** Increasing Impact Factor of *Advanced Synthesis & Catalysis* 2002–2008.

the journal for publishing high quality and innovative research. The jump from 4.977 in 2007 to 5.619 in 2008, nevertheless, came as a big surprise. The ASC Impact Factor has increased every year (Figure 1), and we had hoped to nudge it slightly over 5, but the increase of more than half a point to 5.619 is extraordinary.

With this, ASC pulls away from other primary organic and organometallic journals (Figure 2) and even surpasses some of the prestigious multidisciplinary journals such as *Chemical Communications* (2008 IF 5.34) and *Chemistry – A European Journal* (2008 IF 5.454). By focusing on advances in homogeneous, enzymatic, and organic catalysis for green organic synthesis, ASC joins other “specialist” journals in high-impact areas such as advanced materials and nanoscience. Never before has a primary organic chemistry journal had such a high Impact Factor. It is an ac-



**Figure 2.** 2008 2-year Impact Factors for primary organic, organometallic and related journals.



**Figure 3.** 2008 5-year Impact Factors for primary organic, organometallic and related journals.

knowledge not only for *ASC*, but for the entire field.

Perhaps even more impressive is the high 2008 5-year Impact Factor of *ASC*, which is the average number of citations in 2008 to articles published in the previous 5 years. With 5.458, *ASC* lies well above all other related primary journals (Figure 3). This attests to the high number of citations of *ASC* articles over a 5-year period, as opposed to the 2-year period of the traditional Impact Factor. Usually, citations in chemistry peak in the second year after publication; the citations for older articles tend to drop off rapidly. Various factors can contribute to a high 5-year Impact Factor. Reviews and breakthrough articles tend to be cited over a longer period. Another factor is how long it takes for articles in a given journal to appear in abstracting services such as CAS and whether articles in early view, asap, etc., are also abstracted before appearance in print. *ASC* has experienced increasing attention and visibility every year, so that I could imagine that some of the older articles are just now getting the recognition they deserve. I would also like to think that the articles that get accepted for publication in *ASC* are of lasting value: so to speak, cutting edge chemistry that stays sharp!

*ASC* is riding the wave of success of “advanced synthesis and catalysis” as key technologies for the achievement of chemical reactions that are more selective, economical, safe, resource- and energy-efficient, and environmentally benign. From 2001 to 2008 the increase in the number of published pages aver-

aged 18.7% per year while the increase in the number of submissions averaged 28.3%. The rejection rate has grown accordingly. The number of submission has gone up again in the first six months of 2009 by 11%, and I imagine that, with this new Impact Factor, the journal will continue to grow.

The unprecedented success of *ASC* results from the joint efforts of chemists in academic, industrial and government laboratories and elevates this area of research to a new level of significance within the field of chemistry. Everyone working in the area can be proud of this achievement. I consider that the credit for this success goes to the members of the editorial and advisory boards and to the *ASC* authors for their “elegant research with practical consequences”, the significance of which is being increasingly recognized. The original concept for *ASC*<sup>[2,3]</sup> showed considerable foresight and remains valid today. I am convinced that the role of “advanced synthesis and catalysis” in helping to find solutions to global economical and environmental problems will increase further, and I trust that *ASC* can continue to be a forerunner in these efforts.

## References

- [1] Source: Thompson Reuters Citation Report **2008**.
- [2] R. Noyori, *Adv. Synth. Catal.* **2001**, 343, 1.
- [3] E. N. Jacobsen, *Adv. Synth. Catal.* **2002**, 344, 1.