

Press release

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<http://www.efce.org>

EFCE Journals' impact trebles over decade

The Impact Factors of the European Federation of Chemical Engineering's (EFCE) three leading peer-reviewed Journals have all trebled between 2003 and 2013. The official journals of EFCE are published by the Institution of Chemical Engineers (IChemE).

Impact Factors¹ are a key measure to assess the performance of academic publications and are considered by researchers when submitting their work for publication.



The Impact Factor of *Chemical Engineering Research and Design (ChERD)* grew by 209 per cent from 2003 to 2013. *ChERD* achieved an Impact Factor of 2.281 in 2013, compared to 1.927 in 2012 and 0.737 in 2003.

ChERD was first introduced in 1923² and is a leading international journal for the publication of high quality, original papers in chemical engineering. Total citations for *ChERD* also grew by more than 16 per cent during the 12 month period.

Similar success was achieved by *Process Safety and Environmental Protection (PSEP)*, which saw its Impact Factor more than treble from 0.597 in 2003 to 1.829 in 2013.

PSEP was launched in 1990 and is concerned with the safety of industrial processes and the protection of the environment.

Food and Bioproducts Processing (FBP) recorded the biggest ten year growth of 228 per cent and achieved the highest Impact Factor ever recorded for any EFCE Journal of 2.285 in 2013 – an annual increase of 23 per cent.

FBP was introduced in 1991 and seeks to advance chemical engineering in the fields of biotechnology, bioprocessing and food engineering.

Claudia Flavell-While, IChemE director of publications, said: "All of EFCE's leading Journals have enjoyed a strong decade of growth and are providing a breadth of valuable opportunities for the academic community to share, learn and influence the direction of the chemical engineering discipline.

"Chemical engineering matters and our profession has important contributions to make on issues like climate change, protecting the environment, saving water,

improving safety, new health treatments, renewable energy, efficient food production and other work to help address the grand challenges.

“We are delighted that EFCE’s Journals are supporting these important developments and allowing the talent and energy from the academic community to reach a growing audience attracted to our stable of high quality, peer-reviewed Journals.”

IChemE works in partnership with Elsevier, the world’s leading provider of science and health information, to publish its Journals. All three journals are available in print format and online from ScienceDirect, Elsevier's online full-text scientific database.

Ends

Related links

[EFCE and IChemE Journals](#)

[Elsevier](#)

[ScienceDirect](#)

[EFCE Media Centre](#)

Notes to media:

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About chemical engineers

Chemical, biochemical and process engineering is the application of science, maths and economics to the process of turning raw materials into everyday products. Professional chemical engineers design, construct and manage process operations all over the world. Oil and gas, pharmaceuticals, food and drink, synthetic fibres and clean drinking water are just some of the products where chemical engineering plays a central role.

About EFCE

Founded in 1953, The European Federation of Chemical Engineering (EFCE) is a non-profit-making association, whose object is to promote co-operation in Europe between non-profit-making professional scientific and technical societies in 30 countries for the general advancement of chemical engineering and as a means of furthering the development of chemical engineering. See www.efce.org

About IChemE

The Institution of Chemical Engineers (IChemE) is the global professional membership organisation for people with relevant experience or an interest in chemical engineering. We are the only organisation to award Chartered Chemical Engineer status. With a growing global membership of nearly 40,000 the Institution is at the heart of the process community, promoting competence and a commitment to best practice, advancing the discipline for the benefit of society, encouraging young people in science and engineering and supporting the professional development of its members. For more information, visit www.icheme.org

References

¹ Impact Factors are calculated by dividing the number of times the total number of articles in a particular journal are cited over a two year period by the number of papers published in the journal during the same period.

² *ChERD* was founded in 1923 under the original title of *Transactions of the Institution of Chemical Engineers*.