

Welcome to the **Flow Synthesis Online** newsletter.

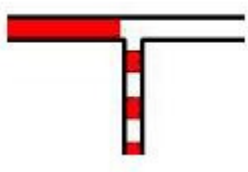
This publication is released bi-monthly and will showcase new applications, events, and equipment in the Flow Synthesis world.

In this issue we take a look at liquid/liquid biphasic reactions in flow.

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Articles

Biphasic Flow Chemistry



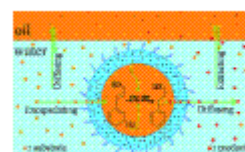
Reactions in which two immiscible phases are brought together can be carried out in a straightforward, reproducible and scaleable way in a flow system. In this article we look at how it works.

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Flow Chemistry Publications

Enhanced Pd-Catalyzed Hydrogenation of Olefins within Polymeric Microreactors under Organic/Aqueous Biphasic Conditions

Yang Lan, Minchao Zhang, Wangqing Zhang, Prof. *, Li Yang
Key Laboratory of Functional Polymer Materials of Ministry of Education,
Institute of Polymer Chemistry, Nankai University, Tianjin 300071 (P.R.
China)



A microreactor of hollow polymeric microspheres with Pd nanoparticles immobilized in its wall is designed for hydrogenation of olefins under organic/aqueous biphasic catalysis. The microreactor has an ability to encapsulate and concentrate olefins within the vacancy of the hollow microspheres in the aqueous phase, and therefore hydrogenation within the microreactors runs efficiently with concentrated reactants under organic/aqueous biphasic condition

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News



Vapourtec sells 50th R Series System

Vapourtec has seen steady growth over the last few years, even through the downturn - what is the secret ?

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Coming to America

After holding back for 2 years, Vapourtec has launched the R Series system in the USA. Why now ?



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The technical articles above are in PDF form and may be immediately downloaded or read online. No registration is required. Enjoy !

Any 3rd Party publications referred to may require a subscription to download.

About Vapourtec Ltd

Vapourtec develop and manufacture the R Series Flow Chemistry Platform, the leading choice of industrial and academic users worldwide. To find out more about the R Series, or about Flow Chemistry generally, go to

<http://www.vapourtec.co.uk>

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