

Peer-Reviewed Publications Citing Vapourtec

2023

Total publications as of March 2023: 977
Year total as of March 2023: 44

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- [976] S. Jana, V. Mayerhofer, C. Teskey "Photo- and electrochemical cobalt catalyzed hydrogen atom transfer for the hydrofunctionalisation of Alkenes," *Angewandte Chemie International Edition*, pp. e202304882, 2023.
- [975] E. Cooper, E. Alcock, M. Power, G. McGlacken, "The α -alkylation of ketones in flow," *Reaction Chemistry and Engineering*, 2023.
- [974] M. Smyth, T. S. Moody, S. Wharry, M. Baumann, "Continuous flow synthesis of cyclobutenes using LED technology," *Synlett*, 2023.
- [973] P. Baronas, J. L. Elholm, K. Moth-Poulsen, "Efficient degassing and ppm level oxygen monitoring flow chemistry system. *Reaction Chemistry and Engineering*, 2023.
- [972] M. Oliva, V. V. Chernobrovkina, E. V. Van der Eycken. U. K. Sharma, "Boronic acids and their derivatives as continuous flow-friendly alkyl radical precursors," *Synlett*, 2023.
- [971] S. B. H. Patterson, R. Wong, G. Barker, F. Vilela, "Advances in continuous polymer analysis in flow with application towards biopolymers," *Journal of Flow Chemistry*, 2023.
- [970] P. Sagmeister, M. Prieschl, D. Kaldre, C. Gadiyar, C. Moessner, J. Sedelmeier, J. D. Williams, C. O. Kappe, "Continuous Flow-Facilitated CB2 Agonist Synthesis, Part 1: Azidation and [3+2] cycloaddition," *Organic Process Research & Development*, 2023.
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- [968] M. Zhang, P. Roth, "Flow photochemistry – from microreactors to large-scale processing." *Science Direct*, 2023.
- [967] M. Krstic, S. Rossi, M. Sanz, A. Puglisi, "Laboratory scale continuous flow systems for the Enantioselective Phase Transfer catalytic synthesis of quaternary amino acids," *Molecules*, vol. 28, no. 3, pp. 1002, 2023.
- [966] M. Molnar, M. Baumann, "Continuous flow synthesis of phenyl glucosazone and its conversion to 2h-1,2,3- triazole building blocks," *Journal of Flow Chemistry*, 2023.
- [965] A. A. Ryan, S. D. Dempsey, M. Smyth, K. Fahey, T. S. Moody, S. Wharry, P. Dingwall, D. W. Rooney, J. M. Thompson, P. C. Knipe, M. J. Muldoon, "Continuous flow epoxidation of alkenes using a homogenous manganese catalyst with paracetic acid," *ACS Publications*, vol. 27, no. 2, pp. 262-268, 2023.

- [964] K. Veeramani, N. Nayak, N. R. Cameron, A. Kumar, "Process intensification of dendritic fibrous nanospheres (DFMS) via continuous flow: a scalable and sustainable alternative to the conventional batch synthesis," *Reaction Chemistry and Engineering*, no. 4, 2023.
- [963] Y. Sato, "Development of process analytical technologies and application for complicated reaction conditions," *Thesis*, 2023.
- [962] B. Pijper, J. Alcázar, G. Oksdath-Mansilla, F. Bisogno, "Continuous-flow photochemistry as an automated platform integrated with closed-loop AI/ML approaches," *Chem Catalysis*, vol.3, no. 1, pp. 100488, 2023.
- [961] Q. Wu, L. Li, B. Xu, J. Sun, D. Ji, Y. Li, L. Shen, Z. Fang, J. Duan, B. Chen, K. Guo, "Iron-catalyzed [4 + 2] annulation of amidines with α,β -unsaturated ketoxime acetates toward 2,4,6-trisubstituted pyrimidines," *Green Synthesis and Catalysis*, 2023.
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