



## CHAIR OF CHEMICAL PROCESS ENGINEERING

### Publications

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#### ÜBERSICHT (Stand: 31.03.2023)

7 Monographien und Buchkapitel  
72 Begutachtete Veröffentlichungen  
231 Konferenzbeiträge

### Arbeiten mit wissenschaftlicher Qualitätssicherung

Hamel, C.

Experimentelle und modellbasierte Studien zur Herstellung kurzkettiger Alkene sowie von Synthesegas unter Verwendung poröser und dichter Membranen, docupoint, ISBN-13: 978-3939665731, 2008

Hamel, C.

Beeinflussung der Produktselektivität homogener und heterogener katalysierter Reaktionen,

> [https://pure.mpg.de/rest/items/item\\_2253046/component/file\\_2463605/content](https://pure.mpg.de/rest/items/item_2253046/component/file_2463605/content)

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Membrane Reactors: Distributing reactants to Improve Selectivity and Yield, Wiley-VCH, ISBN-13: 978-3527320394, 2010

Hamel, C., et al.

Chapter 1: Basic Problems of Chemical Reaction Engineering and Potential of Membrane Reactors

Chapter 5: Packed-Bed Membrane Reactors

Chapter 9: Comparison of different membrane reactors

Chemische Verfahrenstechnik: Berechnung, Auslegung und Betrieb chemischer Reaktoren

Hertwig, K., Martens, L., Hamel, C.

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Integrated Chemical Processes in Liquid Multiphase Systems - From chemical reaction to process design, De Gruyter, under review, 2021

Chapter 3.2: Kinetic Modelling of Complex Catalytic Reactions in Multiphase Systems

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## Arbeiten mit und ohne wissenschaftlicher Qualitätssicherung

### Konferenzbeiträge (231)

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