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Publikationsverzeichnis – List of publications

29 Determination of adsorption isotherms by the inverse method with a first order reversible reaction occurring in both phases of a liquid chromatographic column

G. Thede, E. Below, R. Thede

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28 Rate constants: determination from on-column chemical reactions

R. Thede

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27 Asymmetric hydrogenation. Dimerization of solvate complexes: synthesis and characterization of dimeric [Rh(DIPAMP)]₂+2, a valuable catalyst precursor

A. Preetz, W. Baumann, C. Fischer, H.-J. Drexler, T. Schmidt, R. Thede, D. Heller

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26 Rhodium-complex-catalyzed asymmetric hydrogenation: transformation of precatalysts into active species

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19 Mathematical-analytical approximation of reaction chromatographic product peaks for simple and complex reaction mechanisms

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18 Parametric studies on the determination of enantiomerization rate constants from liquid chromatographic data by empirical peak shape equations for multi-step consecutive reactions

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17 A differential method for the analysis of chemical kinetics results based on reversed-flow gas chromatography

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15 Kinetic models for catalytic selection processes as applied to asymmetric hydrogenation

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12 Determination of rate constants in a liquid chromatographic reactor by means of a fitting algorithm

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R. Thede, E. Moeller, H. Pscheidl, D. Haberland

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1 Computing of higher reaction order kinetic parameters and testing the aldol condensation of propanal by means of reaction gas chromatography

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