Ines Pereira Rosinha Grundtvig - Research outputs - DTU Orbit (08/11/2018)

**Screening of organic solvents for bioprocesses using aqueous-organic two-phase systems**


Research output: Research - peer-review › Journal article – Annual report year: 2018

**Computational Fluid Dynamics - en genvej til procesindsigt**

Bach, C., Spann, R., Larsson, H. K., Pereira Rosinha Grundtvig, I., Albaek, M. O., Gernaey, K. V. & Krühne, U. 2017 In : Dansk Kemi. 97, 10, p. 14-17

Research output: Communication › Journal article – Annual report year: 2017

**Design of a gas-inducing impeller using Computational Fluid Dynamics**


Research output: Research - peer-review › Poster – Annual report year: 2017

**Experimental and computational evaluation of area selectively immobilized horseradish peroxidase in a microfluidic device**


Research output: Research - peer-review › Journal article – Annual report year: 2017

**Shape optimization as a tool to design biocatalytic microreactors**


Research output: Research - peer-review › Journal article – Annual report year: 2017

**Selective distribution of enzymes in a microfluidic reactor**


Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Thiol-ene thermosets exploiting surface reactivity for layer-by-layer structures and control of penetration depth for selective surface reactivity.**


Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Shape and topology optimization of enzymatic microreactors**


Research output: Research › Ph.D. thesis – Annual report year: 2015

**Topology optimization for biocatalytic microreactor configurations**


Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

**Biocatalytic process development using microfluidic miniaturized systems**


Research output: Research - peer-review › Journal article – Annual report year: 2014

**Shape optimisation of a microreactor for biocatalytic synthesis of optically pure chiral amines**


Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

**Systematic Development of Miniaturized (Bio)Processes using Process Systems Engineering (PSE) Methods and Tools**


**Experimental and computational evaluation of area selectively immobilized horseradish peroxidase in a microfluidic device**


Research output: Research - peer-review › Journal article – Annual report year: 2017

**Shape optimization as a tool to design biocatalytic microreactors**


Research output: Research - peer-review › Journal article – Annual report year: 2017

**Selective distribution of enzymes in a microfluidic reactor**


Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**Thiol-ene thermosets exploiting surface reactivity for layer-by-layer structures and control of penetration depth for selective surface reactivity.**


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**Shape and topology optimization of enzymatic microreactors**


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**Biocatalytic process development using microfluidic miniaturized systems**


Research output: Research - peer-review › Journal article – Annual report year: 2014

**Shape optimisation of a microreactor for biocatalytic synthesis of optically pure chiral amines**


Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

**Systematic Development of Miniaturized (Bio)Processes using Process Systems Engineering (PSE) Methods and Tools**

Test design of particles for immobilization of ω-transaminase in a packed bed microreactor
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Biokatalysatorens vej til industrien
Research output: Research › Journal article – Annual report year: 2013

Miniaturized experimental toolbox for ω-transaminase technology (BIOINTENSE)
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Miniaturized Experimental Toolbox for ω-Transaminase Technology (BIOINTENSE)
Research output: Research - peer-review › Poster – Annual report year: 2014

Simulation study of microbioreactor configurations for production of optically pure chiral amines
Pereira Rosinha, I., Gernaey, K., Woodley, J. & Krühne, U. 2013
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Towards effective biocatalytic process development using microreactor technology
Woodley, J., Heintz, S., Ringborg, R. H., Pereira Rosinha, I., Tufvesson, P., Krühne, U. & Gernaey, K. 2013
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013