

Publications

Dr. Babu Halan (Period: 2010 to 2014)

Peer Reviewed Articles

2014

Halan B., Letzel T., Schmid A. and Bühler K. (2014)
Scalability of a solid support membrane aerated biofilm reactor for the continuous synthesis of (S)-styrene oxide.
Biotechnology Journal, **9**(10):1339-1349, [DOI-Link](#)

Karande R.*, **Halan B.***, Schmid A. and Bühler K. (2014)
Segmented flow is controlling growth of catalytic biofilms in continuous multiphase microreactors.
Biotechnology and Bioengineering, **111**(9):1831-1840, [DOI-Link](#)
* These authors contributed equally to this work.

2012

Halan B., Bühler K. and Schmid A. (2012)
Biofilms as living catalysts in chemical synthesis.
Trends in Biotechnology, **30**(9):453-465, [DOI-Link](#)

2011

Halan B., Schmid A. and Bühler K. (2011)
Real time solvent tolerance analysis of *Pseudomonas sp.* strain VLB120ΔC catalytic biofilms.
Applied and Environmental Microbiology, **77**(5):1563-1571, [DOI-Link](#)

2010

Halan B., Schmid A. and Bühler K. (2010)
Maximizing the productivity of catalytic biofilms on solid supports in membrane-aerated reactors.
Biotechnology and Bioengineering, **106**(4):516-527, [DOI-Link](#)