

# Nikolay Zaborenko

## List of Publications by Year in descending order

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14  
papers

1,168  
citations

623734

14  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic Assisted Synthesis of Hybrid Au-Pd Dumbbell-like Nanostructures: Sequential Addition of Reagents and Ultrasonic Radiation. <i>Crystal Growth and Design</i> , 2017, 17, 2700-2710.	3.0	24
2	Acetophenone hydrogenation on Rh/Al <sub>2</sub> O <sub>3</sub> catalyst: Intrinsic reaction kinetics and effects of internal diffusion. <i>Chemical Engineering Journal</i> , 2016, 288, 711-723.	12.7	21
3	Synthesis of BACE Inhibitor LY2886721. Part II. Isoxazolidines as Precursors to Chiral Aminothiazines, Selective Peptide Coupling, and a Controlled Reactive Crystallization. <i>Organic Process Research and Development</i> , 2015, 19, 1214-1230.	2.7	26
4	Development of Pilot-Scale Continuous Production of an LY2886721 Starting Material by Packed-Bed Hydrogenolysis. <i>Organic Process Research and Development</i> , 2015, 19, 1231-1243.	2.7	30
5	Pilot-Scale Continuous Production of LY2886721: Amide Formation and Reactive Crystallization. <i>Organic Process Research and Development</i> , 2014, 18, 1295-1309.	2.7	41
6	Latent Variables-Based Process Modeling of a Continuous Hydrogenation Reaction in API Synthesis of Small Molecules. <i>Journal of Pharmaceutical Innovation</i> , 2013, 8, 1-10.	2.4	7
7	Development and Scale-Up of a Continuous, High-Pressure, Asymmetric Hydrogenation Reaction, Workup, and Isolation. <i>Organic Process Research and Development</i> , 2012, 16, 1017-1038.	2.7	129
8	Kinetic and Scale-Up Investigations of Epoxide Aminolysis in Microreactors at High Temperatures and Pressures. <i>Organic Process Research and Development</i> , 2011, 15, 131-139.	2.7	83
9	Aminolysis of Epoxides in a Microreactor System: A Continuous Flow Approach to $\beta^2$ -Amino Alcohols. <i>Organic Process Research and Development</i> , 2010, 14, 432-440.	2.7	127
10	Synthesis and Kinetics of Highly Energetic Intermediates by Micromixers: Direct Multistep Synthesis of Sodium Nitrotetrazolate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 4132-4139.	3.7	43
11	Overcoming the Challenges of Solid Bridging and Constriction during Pd-Catalyzed C-N Bond Formation in Microreactors. <i>Organic Process Research and Development</i> , 2010, 14, 1347-1357.	2.7	219
12	Development of an Automated Microfluidic Reaction Platform for Multidimensional Screening: Reaction Discovery Employing Bicyclo[3.2.1]octanoid Scaffolds. <i>Journal of Organic Chemistry</i> , 2009, 74, 6169-6180.	3.2	96
13	Solder-based chip-to-tube and chip-to-chip packaging for microfluidic devices. <i>Lab on A Chip</i> , 2007, 7, 1309.	6.0	49
14	Accelerating Reactions with Microreactors at Elevated Temperatures and Pressures: Profiling Aminocarbonylation Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1734-1737.	13.8	207