Gerardo Perozziello - Research outputs - DTU Orbit (16/06/2019)

**Fluidic interconnections for microfluidic systems: A new integrated fluidic interconnection allowing plug 'n' play functionality.** / Perozziello, Gerardo; Bundgaard, Frederik; Geschke, Oliver.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

**Packaging of Microfluidic systems: A microfluidic Motherboard Integrating Fluidic and Optical Interconnections.** / Perozziello, Gerardo.
2008.

**A fast and reliable way to establish fluidic connections to planar microchips.** / Snakenborg, Detlef; Perozziello, Gerardo; Geschke, Oliver; Kutter, Jörg Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

**A simple and efficient method for reducing surface roughness of polymer microstructure.** / Brivio, Monica; Perozziello, Gerardo; Simone, Giuseppina; Wolff, Anders.
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2007 › Research › peer-review

**Microbioreactors for Bioprocess Development.** / Zhang, Zhe; Perozziello, Gerardo; Boccazzi, P.; Sinskey, A. J.; Geschke, Oliver; Jensen, K. F.
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Research › peer-review

**Packaging of Microfluidic system: A microfluidic motherboard integrating fluidic and optical interconnections.** / Perozziello, Gerardo.

**A fluidic motherboard including fluidic and optical interconnections having modular functionality for optical analysis in microfluidic systems.** / Perozziello, Gerardo; Snakenborg, Detlef; Zhang, Z.; Kutter, Jörg Peter; Geschke, Oliver.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research › peer-review

**Direct milling and casting of polymer-based optical waveguides for improved transparency in the visible range.** / Snakenborg, Detlef; Perozziello, Gerardo; Klank, Henning; Geschke, Oliver; Kutter, Jörg Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

**Direct milling and casting of polymer-based optical waveguides for improved transparency in the visible range.** / Snakenborg, Detlef; Perozziello, Gerardo; Klank, Henning; Geschke, Oliver; Kutter, Jörg Peter.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

**Microchemostat - microbial continuous culture in a polymer-based, instrumented microbioreactor.** / Zhang, Z.; Boccazzi, P.; Choi, H. G.; Perozziello, Gerardo; Sinskey, A. J.; Jensen, K. F.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

**Rapid prototyping tools and methods for all-Topas (R) cyclic olefin copolymer fluidic microsystems.** / Bundgaard, Frederik; Perozziello, Gerardo; Geschke, Oliver.
Rapid prototyping tools and methods for all-COC/Topas fluidic Microsystems. / Bundgaard, Frederik; Perozziello, Gerardo; Geschke, Oliver.
Research output: Contribution to journal › Journal article – Annual report year: 2006 › Research › peer-review

Synthesis and Characterization of Tunable and Highly Transparent Thick. / Simone, Giuseppina; Perozziello, Gerardo; Tagliaferri, V.; Szita, Nicolas.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2006 › Research › peer-review

Fast packaging of polymer cantilever chip by micromilling. / Johansson, Alicia; Perozziello, Gerardo; Geschke, Oliver; Boisen, Anja.
Research output: Contribution to conference › Poster – Annual report year: 2005 › Research

Microbioreactor 'Cassette' with integrated fluidic and optical plugs for high-throughput bioprocessing*. / Zhang, Z.; Perozziello, Gerardo; Szita, Nicolas; Boccazzi, P.; Sinskey, P.; Geschke, Oliver; Jensen, K.F.
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Optical connector plugs for multiplexed and simultaneous detection in microfluidic systems. / Perozziello, Gerardo; Zhang, Z.; Snakenborg, Detlef; Kutter, Jörg Peter; Jensen, K.F.; Geschke, Oliver.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

Rapid prototyping methods for all-COC/Topas® Waveguides and microfluidic systems. / Bundgaard, Frederik; Perozziello, Gerardo; Geschke, Oliver.
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2005 › Research › peer-review

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A multiplex DNA array microsystem for Campylobacter spp. detection. / Keramas, Georgios; Perozziello, Gerardo; Geschke, Oliver; Christensen, Claus Bo Vöge.
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review
Cyclic Olefin Copolymer (COC/Topas) - an exceptional material for exceptional lab-on-a-chip systems. / Bundgaard, Frederik; Nielsen, Theodor; Nilsson, Daniel; Shi, Peixiong; Perozziello, Gerardo; Kristensen, Anders; Geschke, Oliver. 
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Development of a multiplex microarray microsystem. / Keramas, Georgios; Perozziello, Gerardo; Geschke, Oliver; Christensen, Claus Bo Vöge. 
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Plug'n'pump fluidic interconnection. / Perozziello, Gerardo; Jensen, Martin Frøhling; McCormack, John E.; Bundgaard, Frederik; Geschke, Oliver. 
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Polymer microstructures: are they applicable as optical components? / Geschke, Oliver; Jensen, Martin Frøhling; Perozziello, Gerardo; Bundgaard, Frederik; Nielsen, Christian Bergenstof; Christensen, L.H. 
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2004 › Research › peer-review

Research output: Contribution to conference › Paper – Annual report year: 2003 › Research › peer-review

Packaging of Microsystems. / Perozziello, Gerardo. 
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2003 › Research › peer-review