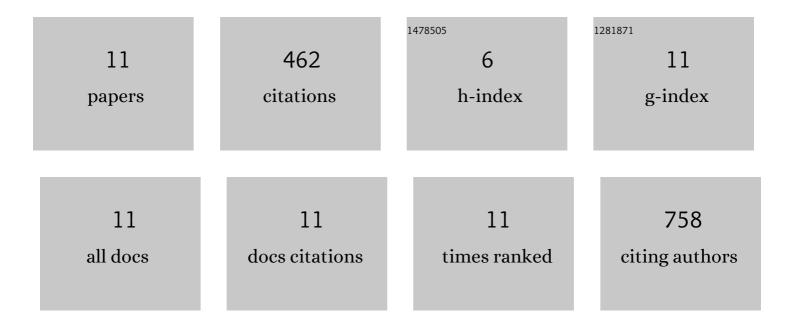
Jochen Hoffmann

List of Publications by Year in descending order

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IOCHEN HOFEMANN

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Microfluidic lab-on-a-foil for nucleic acid analysis based on isothermal recombinase polymerase amplification (RPA). Lab on A Chip, 2010, 10, 887. | 6.0 | 308 |
| 2 | Pre-storage of liquid reagents in glass ampoules for DNA extraction on a fully integrated lab-on-a-chip cartridge. Lab on A Chip, 2010, 10, 1480. | 6.0 | 58 |
| 3 | Solid-phase PCR in a picowell array for immobilizing and arraying 100 000 PCR products to a microscope slide. Lab on A Chip, 2012, 12, 3049. | 6.0 | 34 |
| 4 | Universal protocol for grafting PCR primers onto various lab-on-a-chip substrates for solid-phase PCR. RSC Advances, 2012, 2, 3885. | 3.6 | 24 |
| 5 | Fusing MEMS technology with lab-on-chip: nanoliter-scale silicon microcavity arrays for digital DNA quantification and multiplex testing. Microsystems and Nanoengineering, 2020, 6, 82. | 7.0 | 14 |
| 6 | From CAD to microfluidic chip within one day: rapid prototyping of lab-on-chip cartridges using generic polymer parts. Journal of Micromechanics and Microengineering, 2020, 30, 115012. | 2.6 | 10 |
| 7 | Optical non-contact localization of liquid-gas interfaces on disk during rotation for measuring flow rates and viscosities. Lab on A Chip, 2012, 12, 5231. | 6.0 | 6 |
| 8 | Employing fluorescence analysis for real-time determination of the volume displacement of a pneumatically driven diaphragm micropump. Journal of Micromechanics and Microengineering, 2021, 31, 075003. | 2.6 | 3 |
| 9 | An analytical model for void-free priming of microcavities. Microfluidics and Nanofluidics, 2020, 24, 1. | 2.2 | 2 |
| 10 | Real-Time Detection of Tumor Cells during Capture on a Filter Element Significantly Enhancing Detection Rate. Biosensors, 2021, 11, 312. | 4.7 | 2 |
| 11 | Analytical model describing the nonlinear behavior of an elastomeric pump membrane in a microfluidic network. Microfluidics and Nanofluidics, 2022, 26, 1. | 2.2 | 1 |