

# Birgit Ungerböck

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

293  
citations

1307594

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1372567

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11  
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11  
docs citations

11  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a fully integrated falling film microreactor for gas-liquid-solid biotransformation with surface immobilized O <sub>2</sub> -dependent enzyme. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1862-1872.	3.3	25
2	Imaging of oxygen in microreactors and microfluidic systems. <i>Methods and Applications in Fluorescence</i> , 2015, 3, 034002.	2.3	38
3	Magnetic optical sensor particles: a flexible analytical tool for microfluidic devices. <i>Analyst</i> , The, 2014, 139, 2551-2559.	3.5	19
4	Screen-printed polymer waveguides for integrated optics. <i>Applied Physics B: Lasers and Optics</i> , 2013, 111, 647-650.	2.2	2
5	Fluorescent materials for pH sensing and imaging based on novel 1,4-diketopyrrolo-[3,4-c]pyrrole dyes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5685.	5.5	74
6	Online oxygen measurements inside a microreactor with modeling of transport phenomena. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 565-574.	2.2	31
7	Microfluidic oxygen imaging using integrated optical sensor layers and a color camera. <i>Lab on A Chip</i> , 2013, 13, 1593.	6.0	83
8	A simple method to reduce optical cross-talk effects in chemical imaging with planar optodes. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 101-109.	2.0	4
9	Filter-free integrated sensor array based on luminescence and absorbance measurements using ring-shaped organic photodiodes. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2841-2849.	3.7	6
10	Integrated waveguide sensor utilizing organic photodiodes. <i>Physica Status Solidi - Rapid Research Letters</i> , 2011, 5, 344-346.	2.4	11