

Birgit Ungerböck

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

293
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

454
citing authors

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