

Mark Tweedie

List of Publications by Year in descending order

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10
papers

200
citations

1478505

6
h-index

1474206

9
g-index

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all docs

10
docs citations

10
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic ratio metering devices fabricated in PMMA by CO2 laser. <i>Microsystem Technologies</i> , 2021, 27, 47-58.	2.0	6
2	The analysis of dissolved inorganic carbon in liquid using a microfluidic conductivity sensor with membrane separation of CO2. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 37.	2.2	9
3	Metered reagent injection into microfluidic continuous flow sampling for conductimetric ocean dissolved inorganic carbon sensing. <i>Measurement Science and Technology</i> , 2020, 31, 065104.	2.6	4
4	Long-term hydrolytically stable bond formation for future membrane-based deep ocean microfluidic chemical sensors. <i>Lab on A Chip</i> , 2019, 19, 1287-1295.	6.0	9
5	High-strength thermoplastic bonding for multi-channel, multi-layer lab-on-chip devices for ocean and environmental applications. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 913-922.	2.2	11
6	EXPERIMENTAL STUDIES OF SURFACE-DRIVEN CAPILLARY FLOW IN PMMA MICROFLUIDIC DEVICES PREPARED BY DIRECT BONDING TECHNIQUE AND PASSIVE SEPARATION OF MICROPARTICLES IN MICROFLUIDIC LABORATORY-ON-A-CHIP SYSTEMS. <i>Surface Review and Letters</i> , 2015, 22, 1550050.	1.1	4
7	Effect of Surface Modification on Laminar Flow in Microchannels Fabricated by UV-Lithography. <i>E-Journal of Surface Science and Nanotechnology</i> , 2009, 7, 330-333.	0.4	4
8	Experimental and numerical investigation of capillary flow in SU8 and PDMS microchannels with integrated pillars. <i>Microfluidics and Nanofluidics</i> , 2009, 7, 451-465.	2.2	69
9	Characterisation of PMMA microfluidic channels and devices fabricated by hot embossing and sealed by direct bonding. <i>Current Applied Physics</i> , 2009, 9, 1199-1202.	2.4	84
10	Fabrication of impedimetric sensors for label-free Point-of-Care immunoassay cardiac marker systems, with passive microfluidic delivery. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006, , .	0.5	0