

# Joshua R Buser

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11503964/publications.pdf>

Version: 2024-02-01

11  
papers

1,186  
citations

840776

11  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1772  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arrested preoligodendrocyte maturation contributes to myelination failure in premature infants. <i>Annals of Neurology</i> , 2012, 71, 93-109.	5.3	368
2	Tunable-Delay Shunts for Paper Microfluidic Devices. <i>Analytical Chemistry</i> , 2013, 85, 11545-11552.	6.5	143
3	A rapid, instrument-free, sample-to-result nucleic acid amplification test. <i>Lab on A Chip</i> , 2016, 16, 3777-3787.	6.0	141
4	A versatile valving toolkit for automating fluidic operations in paper microfluidic devices. <i>Lab on A Chip</i> , 2015, 15, 1432-1444.	6.0	128
5	Histopathological correlates of magnetic resonance imaging-defined chronic perinatal white matter injury. <i>Annals of Neurology</i> , 2011, 70, 493-507.	5.3	117
6	Human Neural Stem Cells Induce Functional Myelination in Mice with Severe Dysmyelination. <i>Science Translational Medicine</i> , 2012, 4, 155ra136.	12.4	111
7	Timing of Appearance of Late Oligodendrocyte Progenitors Coincides with Enhanced Susceptibility of Preterm Rabbit Cerebral White Matter to Hypoxia-Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1053-1065.	4.3	87
8	Swab Sample Transfer for Point-Of-Care Diagnostics: Characterization of Swab Types and Manual Agitation Methods. <i>PLoS ONE</i> , 2014, 9, e105786.	2.5	38
9	Comparison of point-of-care-compatible lysis methods for bacteria and viruses. <i>Journal of Microbiological Methods</i> , 2016, 128, 80-87.	1.6	27
10	An integrated device for the rapid and sensitive detection of the influenza hemagglutinin. <i>Lab on A Chip</i> , 2019, 19, 885-896.	6.0	14
11	Understanding partial saturation in paper microfluidics enables alternative device architectures. <i>Analytical Methods</i> , 2019, 11, 336-345.	2.7	12