

# Manuel S Brugger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7087009/publications.pdf>

Version: 2024-02-01

5  
papers

69  
citations

2258059

3  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Orchestrating cells on a chip: Employing surface acoustic waves towards the formation of neural networks. <i>Physical Review E</i> , 2018, 98, 012411.	2.1	27
2	Vibration enhanced cell growth induced by surface acoustic waves as in vitro wound-healing model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31603-31613.	7.1	23
3	Shear-horizontal surface acoustic wave sensor for non-invasive monitoring of dynamic cell spreading and attachment in wound healing assays. <i>Biosensors and Bioelectronics</i> , 2021, 173, 112807.	10.1	12
4	Directed invasion of cancer cell spheroids inside 3D collagen matrices oriented by microfluidic flow in experiment and simulation. <i>PLoS ONE</i> , 2022, 17, e0264571.	2.5	5
5	One-dimensional acoustic potential landscapes guide the neurite outgrowth and affect the viability of B35 neuroblastoma cells. <i>Physical Biology</i> , 2022, 19, 046005.	1.8	2