

# Matthew Ballard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8414018/publications.pdf>

Version: 2024-02-01

8  
papers

120  
citations

1684188

5  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric motion of magnetically actuated artificial cilia. Lab on A Chip, 2017, 17, 3138-3145.	6.0	47
2	Orbiting magnetic microbeads enable rapid microfluidic mixing. Microfluidics and Nanofluidics, 2016, 20, 1.	2.2	26
3	Probing the effect of morphology on lymphatic valve dynamic function. Biomechanics and Modeling in Mechanobiology, 2018, 17, 1343-1356.	2.8	18
4	Comparison of simulation and experiments for multimode aerodynamic breakup of a liquid metal column in a shock-induced cross-flow. Physics of Fluids, 2019, 31, .	4.0	14
5	Enhancing nanoparticle deposition using actuated synthetic cilia. Microfluidics and Nanofluidics, 2014, 17, 317-324.	2.2	12
6	Numerical investigation of a biomimetic elastic valve for microfluidic pumping. Journal of Fluids and Structures, 2021, 103, 103265.	3.4	3
7	10.1063/1.5099589.3. , 2019, , .		0
8	10.1063/1.5099589.1. , 2019, , .		0