

# Alex C Szatmary

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3825664/publications.pdf>

Version: 2024-02-01

10  
papers

69  
citations

1684188

5  
h-index

2053705

5  
g-index

10  
all docs

10  
docs citations

10  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining whether observed eukaryotic cell migration indicates chemotactic responsiveness or random chemokinetic motion. <i>Journal of Theoretical Biology</i> , 2017, 425, 103-112.	1.7	6
2	Modeling neutrophil migration in dynamic chemoattractant gradients: assessing the role of exosomes during signal relay. <i>Molecular Biology of the Cell</i> , 2017, 28, 3457-3470.	2.1	18
3	Improving the design of the agarose spot assay for eukaryotic cell chemotaxis. <i>RSC Advances</i> , 2014, 4, 57343-57349.	3.6	6
4	Neutrophil Rolling on Patches of Selectin. <i>Biophysical Journal</i> , 2014, 106, 789a.	0.5	0
5	Erythrocyte deformation in high-throughput optical stretchers. <i>Physical Review E</i> , 2012, 85, 041923.	2.1	11
6	Elastic capsule deformation in general irrotational linear flows. <i>Fluid Dynamics Research</i> , 2012, 44, 055503.	1.3	0
7	Deformation of White Blood Cells Firmly Adhered to Endothelium. , 2012, , .		0
8	Dynamic ray tracing for modeling optical cell manipulation. <i>Optics Express</i> , 2010, 18, 16702.	3.4	27
9	Critical Analysis of the Validity of the Fundamentals of Engineering Mechanical Exam. , 0, , .		0
10	Evidence for Design of Mechanical Engineering Curriculum. , 0, , .		1