

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