

# Jinseok Park

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10680644/publications.pdf>

Version: 2024-02-01

9  
papers

607  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1035  
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed migration of cancer cells guided by the graded texture of the underlying matrix. <i>Nature Materials</i> , 2016, 15, 792-801.	27.5	190
2	Switch-like enhancement of epithelial-mesenchymal transition by YAP through feedback regulation of WT1 and Rho-family GTPases. <i>Nature Communications</i> , 2019, 10, 2797.	12.8	105
3	Topotaxis: A New Mechanism of Directed Cell Migration in Topographic ECM Gradients. <i>Biophysical Journal</i> , 2018, 114, 1257-1263.	0.5	97
4	Migration Phenotype of Brain-Cancer Cells Predicts Patient Outcomes. <i>Cell Reports</i> , 2016, 15, 2616-2624.	6.4	63
5	Mechanochemical feedback underlies coexistence of qualitatively distinct cell polarity patterns within diverse cell populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5750-E5759.	7.1	51
6	A mathematical model coupling polarity signaling to cell adhesion explains diverse cell migration patterns. <i>PLoS Computational Biology</i> , 2017, 13, e1005524.	3.2	48
7	Combined HMG-COA reductase and prenylation inhibition in treatment of CCM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5503-5508.	7.1	24
8	Biomechanical interplay between anisotropic re-organization of cells and the surrounding matrix underlies transition to invasive cancer spread. <i>Scientific Reports</i> , 2018, 8, 14210.	3.3	19
9	Precisely parameterized experimental and computational models of tissue organization. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 230-242.	1.3	10