

# Thuan Beng Saw

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/461020/publications.pdf>

Version: 2024-02-01

14  
papers

1,230  
citations

759233

12  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological defects in epithelia govern cell death and extrusion. <i>Nature</i> , 2017, 544, 212-216.	27.8	511
2	Material approaches to active tissue mechanics. <i>Nature Reviews Materials</i> , 2019, 4, 23-44.	48.7	103
3	Emergent patterns of collective cell migration under tubular confinement. <i>Nature Communications</i> , 2017, 8, 1517.	12.8	101
4	Epithelial Cell Packing Induces Distinct Modes of Cell Extrusions. <i>Current Biology</i> , 2016, 26, 2942-2950.	3.9	98
5	Celebrating Soft Matter's 10th Anniversary: Cell division: a source of active stress in cellular monolayers. <i>Soft Matter</i> , 2015, 11, 7328-7336.	2.7	82
6	Investigating the nature of active forces in tissues reveals how contractile cells can form extensile monolayers. <i>Nature Materials</i> , 2021, 20, 1156-1166.	27.5	69
7	Biological Tissues as Active Nematic Liquid Crystals. <i>Advanced Materials</i> , 2018, 30, e1802579.	21.0	63
8	Regulation of epithelial cell organization by tuning cell-substrate adhesion. <i>Integrative Biology (United Kingdom)</i> , 2015, 7, 1228-1241.	1.3	52
9	Mechanical forces in cell monolayers. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	45
10	Protecting unknown two-qubit entangled states by nesting Uhrig's dynamical decoupling sequences. <i>Physical Review A</i> , 2010, 82, .	2.5	37
11	Universal dynamical decoupling: Two-qubit states and beyond. <i>Physical Review A</i> , 2010, 81, .	2.5	30
12	A Biologist's Guide to Traction Force Microscopy Using Polydimethylsiloxane Substrate for Two-Dimensional Cell Cultures. <i>STAR Protocols</i> , 2020, 1, 100098.	1.2	19
13	Mechanobiology of Collective Cell Migration. <i>Cellular and Molecular Bioengineering</i> , 2015, 8, 3-13.	2.1	8
14	Ultra-thin Parylene-C Deposition on PDMS. , 2019, , .		0