

# Kyogo Kawaguchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2105639/publications.pdf>

Version: 2024-02-01

14  
papers

881  
citations

1163117

8  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity-induced phase transition in a quantum many-body system. <i>Physical Review Research</i> , 2022, 4, .	3.6	1
2	Surface wetting by kinetic control of liquid-liquid phase separation. <i>Physical Review E</i> , 2021, 104, L042801.	2.1	0
3	A large pool of actively cycling progenitors orchestrates self-renewal and injury repair of an ectodermal appendage. <i>Nature Cell Biology</i> , 2019, 21, 1102-1112.	10.3	67
4	Homeostatic Epidermal Stem Cell Self-Renewal Is Driven by Local Differentiation. <i>Cell Stem Cell</i> , 2018, 23, 677-686.e4.	11.1	163
5	Collective Behavior of Cells and Topological Defects. <i>Seibutsu Butsuri</i> , 2018, 58, 134-138.	0.1	0
6	Unattainability of Carnot efficiency in thermal motors: Coarse graining and entropy production of Feynman-Smoluchowski ratchets. <i>Physical Review E</i> , 2018, 98, 022102.	2.1	4
7	Topological defects control collective dynamics in neural progenitor cell cultures. <i>Nature</i> , 2017, 545, 327-331.	27.8	281
8	Dynamical crossover in a stochastic model of cell fate decision. <i>Physical Review E</i> , 2017, 96, 012401.	2.1	13
9	Spatiotemporal coordination of stem cell commitment during epidermal homeostasis. <i>Science</i> , 2016, 352, 1471-1474.	12.6	191
10	Entropy Production of Nanosystems with Time Scale Separation. <i>Physical Review Letters</i> , 2016, 117, 070601.	7.8	32
11	Invariance of steady-state thermodynamics between different scales of description. <i>Physical Review E</i> , 2015, 91, 012115.	2.1	7
12	Nonequilibrium Dissipation-free Transport in F1-ATPase and the Thermodynamic Role of Asymmetric Allostereism. <i>Biophysical Journal</i> , 2014, 106, 2450-2457.	0.5	45
13	Fluctuation theorem for hidden entropy production. <i>Physical Review E</i> , 2013, 88, 022147.	2.1	56
14	Efficiency of Free Energy Transduction in Autonomous Systems. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 083003.	1.6	4