

Jonghyun Ha

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1460252/publications.pdf>

Version: 2024-02-01

11
papers

455
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

727
citing authors

#	ARTICLE	IF	CITATIONS
1	Hygrobot: A self-locomotive ratcheted actuator powered by environmental humidity. <i>Science Robotics</i> , 2018, 3, .	17.6	307
2	Poro-elasto-capillary wicking of cellulose sponges. <i>Science Advances</i> , 2018, 4, eaao7051.	10.3	48
3	Capillarity in Soft Porous Solids. <i>Annual Review of Fluid Mechanics</i> , 2020, 52, 263-284.	25.0	27
4	Capillary rise of non-aqueous liquids in cellulose sponges. <i>Journal of Fluid Mechanics</i> , 2017, 818, .	3.4	20
5	Hygroresponsive coiling of seed awns and soft actuators. <i>Extreme Mechanics Letters</i> , 2020, 38, 100746.	4.1	19
6	Interfacial waves generated by electrowetting-driven contact line motion. <i>Physics of Fluids</i> , 2016, 28, 102102.	4.0	11
7	Hydrodynamic Elastocapillary Morphing of Hair Bundles. <i>Physical Review Letters</i> , 2020, 125, 254503.	7.8	10
8	Swelling, softening, and elastocapillary adhesion of cooked pasta. <i>Physics of Fluids</i> , 2022, 34, .	4.0	6
9	Dynamic pattern selection in polymorphic elastocapillarity. <i>Soft Matter</i> , 2022, 18, 262-271.	2.7	4
10	Critical AC frequency for stable operation of electrowetting-driven optofluidic devices with polymeric electrolyte solutions. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 1793-1797.	1.5	2
11	Coalescence of oil drops and films on micropillared substrates enabled by enhanced water drainage through pillar gaps. <i>Soft Matter</i> , 2021, 17, 5888-5896.	2.7	1