

H Jeremy Cho

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

525
citations

9
h-index

16
g-index

16
ext. papers

660
ext. citations

12.1
avg, IF

4.26
L-index

#	Paper	IF	Citations
14	Scaling laws to predict humidity-induced swelling and stiffness in hydrogels. <i>Soft Matter</i> , 2021 , 17, 9893-9900	3.9	1
13	Under pressure: Hydrogel swelling in a granular medium. <i>Science Advances</i> , 2021 , 7,	14.3	18
12	Scaling Law for Cracking in Shrinkable Granular Packings. <i>Physical Review Letters</i> , 2019 , 123, 158004	7.4	6
11	Crack formation and self-closing in shrinkable, granular packings. <i>Soft Matter</i> , 2019 , 15, 4689-4702	3.6	12
10	Bubble nucleation, growth, and departure: A new, dynamic understanding. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 145, 118803	4.9	9
9	Predicting Surface Tensions of Surfactant Solutions from Statistical Mechanics. <i>Langmuir</i> , 2018 , 34, 23864-2395	5	
8	Salt rejection in flow-between capacitive deionization devices. <i>Desalination</i> , 2018 , 437, 154-163	10.3	20
7	Adsorption and Denaturation of Structured Polymeric Nanoparticles at an Interface. <i>Nano Letters</i> , 2018 , 18, 4854-4860	11.5	16
6	Nanoengineered materials for liquid-vapour phase-change heat transfer. <i>Nature Reviews Materials</i> , 2017 , 2,	73.3	277
5	Porosimetry and packing morphology of vertically aligned carbon nanotube arrays via impedance spectroscopy. <i>Nanotechnology</i> , 2017 , 28, 05LT01	3.4	15
4	Characterization of Adsorption Enthalpy of Novel Water-Stable Zeolites and Metal-Organic Frameworks. <i>Scientific Reports</i> , 2016 , 6, 19097	4.9	44
3	Turning bubbles on and off during boiling using charged surfactants. <i>Nature Communications</i> , 2015 , 6, 8599	17.4	83
2	Understanding Enhanced Boiling With Triton X Surfactants 2013 ,		6
1	Liquid Evaporation on Superhydrophobic and Superhydrophilic Nanostructured Surfaces. <i>Journal of Heat Transfer</i> , 2011 , 133,	1.8	13