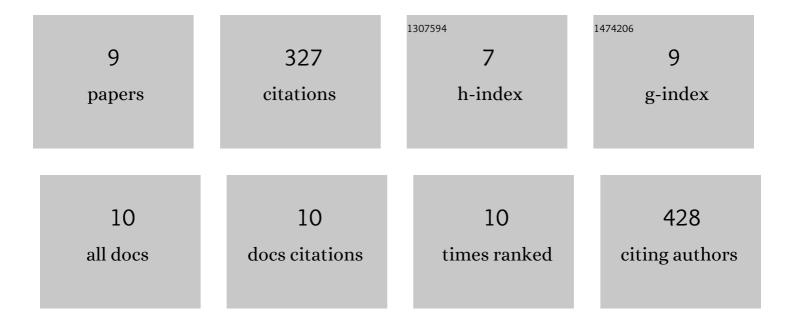
Runchen Zhao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1760098/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Granular impact cratering by liquid drops: Understanding raindrop imprints through an analogy to asteroid strikes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 342-347.	7.1	64
2	Confinement hinders motility by inducing RhoA-mediated nuclear influx, volume expansion, and blebbing. Journal of Cell Biology, 2019, 218, 4093-4111.	5.2	64
3	The importance of water and hydraulic pressure in cell dynamics. Journal of Cell Science, 2020, 133, .	2.0	57
4	Cell sensing and decision-making in confinement: The role of TRPM7 in a tug of war between hydraulic pressure and cross-sectional area. Science Advances, 2019, 5, eaaw7243.	10.3	56
5	Dorsoventral polarity directs cell responses to migration track geometries. Science Advances, 2020, 6, eaba6505.	10.3	39
6	Scaling of liquid-drop impact craters in wet granular media. Physical Review E, 2015, 92, 042205.	2.1	17
7	Hydraulic resistance induces cell phenotypic transition in confinement. Science Advances, 2021, 7, .	10.3	17
8	Sarcomeric deficits underlie MYBPC1-associated myopathy with myogenic tremor. JCI Insight, 2021, 6, .	5.0	8
9	Video: Raindrop impact on a sandy surface. , 0, , .		0