

# Arpa Hudait

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4444635/publications.pdf>

Version: 2024-02-01

13  
papers

1,278  
citations

687363

13  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	A helical assembly of human ESCRT-I scaffolds reverse-topology membrane scission. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 570-580.	8.2	44
2	The end of ice I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24413-24419.	7.1	50
3	Hydrogen-Bonding and Hydrophobic Groups Contribute Equally to the Binding of Hyperactive Antifreeze and Ice-Nucleating Proteins to Ice. <i>Journal of the American Chemical Society</i> , 2019, 141, 7887-7898.	13.7	91
4	How Size and Aggregation of Ice-Binding Proteins Control Their Ice Nucleation Efficiency. <i>Journal of the American Chemical Society</i> , 2019, 141, 7439-7452.	13.7	99
5	Ice-Nucleating and Antifreeze Proteins Recognize Ice through a Diversity of Anchored Clathrate and Ice-like Motifs. <i>Journal of the American Chemical Society</i> , 2018, 140, 4905-4912.	13.7	117
6	Preordering of water is not needed for ice recognition by hyperactive antifreeze proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8266-8271.	7.1	89
7	Ice Nucleation Efficiency of Hydroxylated Organic Surfaces Is Controlled by Their Structural Fluctuations and Mismatch to Ice. <i>Journal of the American Chemical Society</i> , 2017, 139, 3052-3064.	13.7	132
8	Role of stacking disorder in ice nucleation. <i>Nature</i> , 2017, 551, 218-222.	27.8	186
9	Sink or Swim: Ions and Organics at the Ice-Air Interface. <i>Journal of the American Chemical Society</i> , 2017, 139, 10095-10103.	13.7	31
10	What Determines the Ice Polymorph in Clouds?. <i>Journal of the American Chemical Society</i> , 2016, 138, 8958-8967.	13.7	51
11	Free energy contributions and structural characterization of stacking disordered ices. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 9544-9553.	2.8	87
12	Heterogeneous Nucleation of Ice on Carbon Surfaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 3156-3164.	13.7	242
13	Ice Crystallization in Ultrafine Water-Salt Aerosols: Nucleation, Ice-Solution Equilibrium, and Internal Structure. <i>Journal of the American Chemical Society</i> , 2014, 136, 8081-8093.	13.7	59