

# Nathan Odendahl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10547581/publications.pdf>

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4  
papers

429  
citations

1937685

4  
h-index

2272923

4  
g-index

4  
all docs

4  
docs citations

4  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	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