

# Verner HÃ¥konsen

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhancing the Mechanical Durability of Icephobic Surfaces by Introducing Autonomous Self-Healing Function. ACS Applied Materials & Interfaces, 2018, 10, 11972-11978.	8.0	99
2	Simultaneously Toughening and Stiffening Elastomers with Octuple Hydrogen Bonding. Advanced Materials, 2021, 33, e2008523.	21.0	92
3	Self-Deicing Electrolyte Hydrogel Surfaces with Pa-level Ice Adhesion and Durable Antifreezing/Antifrost Performance. ACS Applied Materials & Interfaces, 2020, 12, 35572-35578.	8.0	65
4	Anti-icing Ionogel Surfaces: Inhibiting Ice Nucleation, Growth, and Adhesion. , 2020, 2, 616-623.		52
5	An ultra-durable icephobic coating by a molecular pulley. Soft Matter, 2019, 15, 3607-3611.	2.7	47
6	Ultrafast self-healing and highly transparent coating with mechanically durable icephobicity. Applied Materials Today, 2020, 19, 100542.	4.3	40
7	Durable Low Ice Adhesion Foams Modulated by Submicrometer Pores. Industrial & Engineering Chemistry Research, 2019, 58, 17776-17783.	3.7	31
8	Epidermal Gland Inspired Self-Repairing Slippery Lubricant-Infused Porous Coatings with Durable Low Ice Adhesion. Coatings, 2019, 9, 602.	2.6	26
9	Magnetically Enhanced Mechanical Stability and Super-Size Effects in Self-Assembled Superstructures of Nanocubes. Advanced Functional Materials, 2019, 29, 1904825.	14.9	17
10	Focused ion beam milling of self-assembled magnetic superstructures: an approach to fabricate nanoporous materials with tunable porosity. Materials Horizons, 2018, 5, 1211-1218.	12.2	8
11	Reconfigurable Mechanical Anisotropy in Self-Assembled Magnetic Superstructures. Advanced Science, 2021, 8, 2002683.	11.2	6