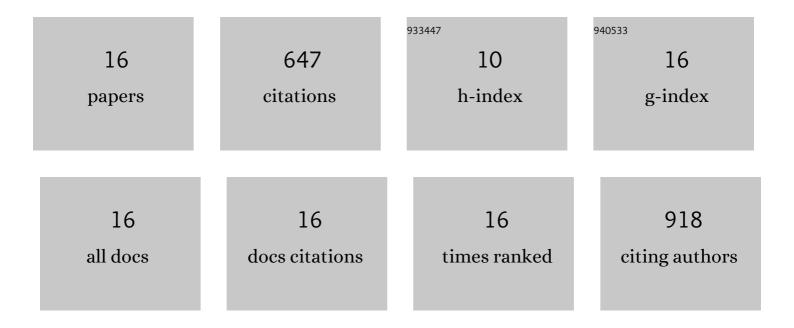
Qingrui Fan

List of Publications by Year in descending order

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Οινορία Ελν

#	Article	IF	CITATIONS
1	Strong Hydration Ability of Silk Fibroin Suppresses Formation and Recrystallization of Ice Crystals During Cryopreservation. Biomacromolecules, 2022, 23, 478-486.	5.4	12
2	Bioinspired <i>in situ</i> repeatable self-recovery of superhydrophobicity by self-reconstructing the hierarchical surface structure. Chemical Communications, 2021, 57, 8425-8428.	4.1	8
3	Dicyclohepta[<i>ijkl</i> , <i>uvwx</i>]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Nonâ€benzenoid Nanographene. Angewandte Chemie, 2020, 132, 3557-3561.	2.0	33
4	Dicyclohepta[<i>ijkl</i> , <i>uvwx</i>]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Nonâ€benzenoid Nanographene. Angewandte Chemie - International Edition, 2020, 59, 3529-3533.	13.8	82
5	Unraveling Molecular Mechanism on Dilute Surfactant Solution Controlled Ice Recrystallization. Langmuir, 2020, 36, 1691-1698.	3.5	8
6	Flexible Graphene Nanocomposites with Simultaneous Highly Anisotropic Thermal and Electrical Conductivities Prepared by Engineered Graphene with Flat Morphology. ACS Nano, 2020, 14, 11733-11742.	14.6	130
7	Precise Control Over Kinetics of Molecular Assembly: Production of Particles with Tunable Sizes and Crystalline Forms. Angewandte Chemie, 2020, 132, 15253-15258.	2.0	2
8	Precise Control Over Kinetics of Molecular Assembly: Production of Particles with Tunable Sizes and Crystalline Forms. Angewandte Chemie - International Edition, 2020, 59, 15141-15146.	13.8	8
9	Recrystallized ice-templated electroless plating for fabricating flexible transparent copper meshes. RSC Advances, 2020, 10, 9894-9901.	3.6	10
10	Hydroxyl Groups on the Graphene Surfaces Facilitate Ice Nucleation. Journal of Physical Chemistry Letters, 2019, 10, 2458-2462.	4.6	24
11	Airâ€Stable nâ€Type Thermoelectric Materials Enabled by Organic Diradicaloids. Angewandte Chemie, 2019, 131, 5012-5016.	2.0	64
12	Air‣table nâ€Type Thermoelectric Materials Enabled by Organic Diradicaloids. Angewandte Chemie - International Edition, 2019, 58, 4958-4962.	13.8	92
13	Durable Anti-Icing Coatings Based on Self-Sustainable Lubricating Layer. ACS Omega, 2017, 2, 2047-2054.	3.5	40
14	Ion-specific ice recrystallization provides a facile approach for the fabrication of porous materials. Nature Communications, 2017, 8, 15154.	12.8	71
15	Size Controllable, Transparent, and Flexible 2D Silver Meshes Using Recrystallized Ice Crystals as Templates. ACS Nano, 2017, 11, 9898-9905.	14.6	38
16	Highly Efficient and Robust Oil/Water Separation Materials Based on Wire Mesh Coated by Reduced Graphene Oxide. Langmuir, 2017, 33, 9590-9597.	3.5	25