

Qingrui Fan

List of Publications by Year in descending order

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16
papers

647
citations

933447

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