

Bernd A F Kopera

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Breathable and Flexible Dual-Sided Nonwovens with Adjustable Infrared Optical Performances for Smart Textile. <i>Advanced Functional Materials</i> , 2022, 32, 2108808.	7.8	27
2	Multiplexed lock-in thermography. <i>Review of Scientific Instruments</i> , 2021, 92, 014902.	0.6	3
3	Tunable Thermoelastic Anisotropy in Hybrid Bragg Stacks with Extreme Polymer Confinement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1286-1294.	7.2	26
4	Breathable and Flexible Polymer Membranes with Mechanoresponsive Electric Resistance. <i>Advanced Functional Materials</i> , 2020, 30, 1907555.	7.8	44
5	Titelbild: Tunable Thermoelastic Anisotropy in Hybrid Bragg Stacks with Extreme Polymer Confinement (<i>Angew. Chem.</i> 3/2020). <i>Angewandte Chemie</i> , 2020, 132, 973-973.	1.6	0
6	Tunable Thermoelastic Anisotropy in Hybrid Bragg Stacks with Extreme Polymer Confinement. <i>Angewandte Chemie</i> , 2020, 132, 1302-1310.	1.6	6
7	Scalable synthesis of smooth PS@TiO ₂ core-shell and TiO ₂ hollow spheres in the (sub) micron size range: understanding synthesis and calcination parameters. <i>Colloid and Polymer Science</i> , 2020, 298, 867-878.	1.0	6
8	Direct Measurement of the In-Plane Thermal Diffusivity of Semitransparent Thin Films by Lock-In Thermography: An Extension of the Slopes Method. <i>Analytical Chemistry</i> , 2019, 91, 8476-8483.	3.2	21
9	Ordered Particle Arrays via a Langmuir Transfer Process: Access to Any Two-Dimensional Bravais Lattice. <i>Langmuir</i> , 2019, 35, 973-979.	1.6	20
10	Thermal transport in binary colloidal glasses: Composition dependence and percolation assessment. <i>Physical Review E</i> , 2018, 97, 022612.	0.8	10
11	Low Thermal Conductivity through Dense Particle Packings with Optimum Disorder. <i>Advanced Materials</i> , 2018, 30, e1704910.	11.1	11
12	Computing the 3D Radial Distribution Function from Particle Positions: An Advanced Analytic Approach. <i>Analytical Chemistry</i> , 2018, 90, 13909-13914.	3.2	23
13	Composite Hydrogels with Tunable Anisotropic Morphologies and Mechanical Properties. <i>Chemistry of Materials</i> , 2016, 28, 3406-3415.	3.2	206
14	Circular Dichroism of Chiral Nematic Films of Cellulose Nanocrystals Loaded with Plasmonic Nanoparticles. <i>ACS Nano</i> , 2015, 9, 10377-10385.	7.3	111