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3D self-assembly of aluminium nanoparticles for plasmon-enhanced solar desalination

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1479	Low-Tortuosity Water Microchannels Boosting Energy Utilization for High Water Flux Solar Distillation.		
1478	A Hydrogenated Metal Oxide with Full Solar Spectrum Absorption for Highly Efficient Photothermal Water Evaporation.		
1477	Bifunctional, Moth-Eye-Like Nanostructured Black Titania Nanocomposites for Solar-Driven Clean Water Generation.		
1476	Two-Dimensional Flexible Bilayer Janus Membrane for Advanced Photothermal Water Desalination.		
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1472	Capillary-Flow-Optimized Heat Localization Induced by an Air-Enclosed Three-Dimensional Hierarchical Network for Elevated Solar Evaporation.		
1471	Quantum effects in the plasmon response of bimetallic core-shell nanostructures. <b>2016</b> , 24, 23941-23956	7	
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1094	A new carbon-black/cellulose-sponge system with water supplied by injection for enhancing solar vapor generation. <b>2019</b> , 7, 17954-17965	47
1093	Dynamical aspects of supercooled TIP3P-water in the grooves of DNA. <b>2019</b> , 150, 235101	4
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1084	Highly Efficient Solar Steam Generation from Activated Carbon Fiber Cloth with Matching Water Supply and Durable Fouling Resistance. <b>2019</b> , 2, 4354-4361	45
1083	A Janus evaporator with low tortuosity for long-term solar desalination. <b>2019</b> , 7, 15333-15340	95
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1078	Space-Confined Seeded Growth of Cu Nanorods with Strong Surface Plasmon Resonance for Photothermal Actuation. <b>2019</b> , 58, 9275-9281	35
1077	Efficient Interfacial Solar Steam Generator with Controlled Macromorphology Derived from Flour via Dough Figurine Technology. <b>2019</b> , 7, 1900406	21
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7 <sup>15</sup>	Ti3C2/PVDF membrane for efficient seawater desalination based on interfacial solar heating. <b>2021</b> , 21, 918-926	1
7 <sup>14</sup>	Facile and low-cost ceramic fiber-based carbon-carbon composite for solar evaporation. <b>2021</b> , 759, 143546	12
7 <sup>13</sup>	Salt Mitigation Strategies of Solar-Driven Interfacial Desalination. <b>2021</b> , 31, 2007855	50
7 <sup>12</sup>	A review study of solar desalting units with evacuated tube collectors. <b>2021</b> , 279, 123542	17
7 <sup>11</sup>	Surface self-assembled multi-layer MWCNTs-COOH/BN-PDA/CF for flexible and efficient solar steam generator. <b>2021</b> , 279, 123626	8
7 <sup>10</sup>	Recent progress on nanostructure-based broadband absorbers and their solar energy thermal utilization. <b>2021</b> , 15, 35-48	1
7 <sup>09</sup>	Thermal insulation design for efficient and scalable solar water interfacial evaporation and purification. <b>2021</b> , 66, 157-162	6
7 <sup>08</sup>	Bioinspired Fractal Design of Waste Biomass-Derived Solar-Thermal Materials for Highly Efficient Solar Evaporation. <b>2021</b> , 31, 2007648	36
7 <sup>07</sup>	Low-cost zinc-oxide nanoparticles for solar-powered steam production: Superficial and volumetric approaches. <b>2021</b> , 280, 124261	8

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699	Same materials, bigger output: A reversibly transformable 2D/2D photothermal evaporator for highly efficient solar steam generation. <b>2021</b> , 79, 105477	87
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