

# Transparent air filter for high-efficiency PM<sub>2.5</sub> capture

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Width-controlled M-type hexagonal strontium ferrite (SrFe <sub>12</sub> O <sub>19</sub> ) nanoribbons with high saturation magnetization and superior coercivity synthesized by electrospinning. <i>Scientific Reports</i> , 2015, 5, 15089.	1.6	65
2	Novel graphite-carbon encased tungsten carbide nanocomposites by solid-state reaction and their ORR electrocatalytic performance in alkaline medium. <i>Electrochimica Acta</i> , 2015, 174, 172-177.	2.6	42
3	Highly selective growth of TiO <sub>2</sub> nanoparticles on one tip of CdS nanowires. <i>Journal of Alloys and Compounds</i> , 2015, 646, 1004-1008.	2.8	3
4	Nonlinear Viscous Water at Nanoporous Two-Dimensional Interfaces Resists High-Speed Flow through Cooperativity. <i>Nano Letters</i> , 2015, 15, 3939-3944.	4.5	42
5	Intercalation assembly of Li <sub>3</sub> VO <sub>4</sub> nanoribbons/graphene sandwich-structured composites with enhanced oxygen reduction catalytic performance. <i>Journal of Alloys and Compounds</i> , 2015, 646, 837-842.	2.8	10
6	Preparation of hierarchical structured nano-sized/porous poly(lactic acid) composite fibrous membranes for air filtration. <i>Applied Surface Science</i> , 2015, 356, 1168-1179.	3.1	117
7	A multifunctional multi-walled carbon nanotubes/ceramic membrane composite filter for air purification. <i>RSC Advances</i> , 2015, 5, 91951-91959.	1.7	26
8	Ultra-light 3D nanofibre-nets binary structured nylon 6â€™ polyacrylonitrile membranes for efficient filtration of fine particulate matter. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23946-23954.	5.2	153
9	Sandwich structured polyamide-6/polyacrylonitrile nanonets/bead-on-string composite membrane for effective air filtration. <i>Separation and Purification Technology</i> , 2015, 152, 14-22.	3.9	144
10	Unusual Air Filters with Ultrahigh Efficiency and Antibacterial Functionality Enabled by ZnO Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21538-21544.	4.0	121
11	Development of a Photocatalytic Filter to Control Indoor Air Quality. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, 496-501.	0.7	4
12	A Novel Hierarchical Structured Poly(lactic acid)/Titania Fibrous Membrane with Excellent Antibacterial Activity and Air Filtration Performance. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-17.	1.5	46
13	Flexible Transparent Electronic Gas Sensors. <i>Small</i> , 2016, 12, 3748-3756.	5.2	234
14	An electrospun polycarbonate nanofibrous membrane for high efficiency particulate matter filtration. <i>RSC Advances</i> , 2016, 6, 65275-65281.	1.7	70
15	Silk nanofibers as high efficient and lightweight air filter. <i>Nano Research</i> , 2016, 9, 2590-2597.	5.8	181
16	Metallic Nanobrushes Made using Ambient Droplet Sprays. <i>Advanced Materials</i> , 2016, 28, 2223-2228.	11.1	27
17	Colorful Hydrophobic Poly(Vinyl Butyral)/Cationic Dye Fibrous Membranes via a Colored Solution Electrospinning Process. <i>Nanoscale Research Letters</i> , 2016, 11, 540.	3.1	21
18	Electrospun nanofibrous polyethylenimine mat: a potential adsorbent for the removal of chromate and arsenate from drinking water. <i>RSC Advances</i> , 2016, 6, 30739-30746.	1.7	21

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38	Anti-deformed Polyacrylonitrile/Polysulfone Composite Membrane with Binary Structures for Effective Air Filtration. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 8086-8095.	4.0	185
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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