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Fundamental transport mechanisms, fabrication and potential applications of nanoporous atomically thin membranes

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504	Channel-facilitated molecule and ion transport across polymer composite membranes. <b>2017</b> , 46, 6725-6745		65
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502	Engineering defects into nickel-based nanosheets for enhanced water permeability. <b>2017</b> , 5, 20598-20602		7
501	Mass Transport through Defects in Graphene Layers. <b>2017</b> , 121, 23669-23675		6
500	On phonons and water flow enhancement in carbon nanotubes. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 1106-1108	28.7	14
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352	Metal-organic framework membranes: Production, modification, and applications. <b>2019</b> , 100, 21-63	101
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