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## Top 10

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1. 1.M. Di Vincenzo, A. Tiraferri, V.-E. Musteata, S.Chisca, R.Sougrat, L.-B. Huang, S. P. Nunes, M. Barboiu , Biomimetic artificial water channels membranes for enhanced desalination. *Nat. Nanotechnol.* **2020**, DOI:10.1038/s41565-020-00796-x

2. 2.D. Strilets, S. Fa, A. Hardiagon, M. Baaden T. Ogoshi\*, M. Barboiu\* , Biomimetic approach for highly selective artificial water channels based on tubular Pillar[5]Arene dimers" **Very Important paper**

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6. 6.A. Gilles, M. Barboiu\*, Highly Selective Artificial K<sup>+</sup> Channels: An Example of Selectivity- Induced Transmembrane Potential.

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