


Disk-like hybrid nanostructures (Ramot)**code:** 3-2013-633[Fernando PATOLSKY](#), T.A.U Tel Aviv University, Exact Sciences, School of Chemistry

A process of preparing a plurality of nanostructures, each being composed of at least one target material is disclosed.

The process comprises sequentially electrodepositing a first material and the at least one target material into pores of a porous membrane having a nanometric pore diameter, to thereby obtain within the pores nanometric rods, each of the nanometric rods having a plurality of segments where any two adjacent segments are made of different materials.

The process further comprises and etching the membrane and the first material, thereby obtaining the nanostructures.

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