CLAIM(S):

1. A filter comprising:

(a) a plurality of filter arms, each of the plurality of filter arms comprising a plurality of hollow elements in fluid communication with each other, the hollow elements having porous walls, each of the plurality of filter arms having a first end and a second end, wherein the plurality of filter arms are in fluid communication with each other; and,

(b) a hollow base having a side wall, and a plurality of base outlet ports, each of the plurality of base outlet ports in fluid communication with a separate filter arm, wherein the second end of each of the plurality of filter arms is connected to the hollow base.

2. The filter of claim 1 wherein each of the plurality of hollow elements have outer surfaces having hollow coordination points and collars surrounding the hollow coordination points, and each of the plurality of filter arms and each of the plurality of hollow elements are in fluid communication with each other via hollow coordination points.

3. The filter of claim 2, wherein each of the plurality of filter arms include linearly arranged adjacent hollow elements and/or non-linearly arranged hollow elements.

4. The filter of any one of claims 1-3, wherein the hollow elements have a rounded shape.

5. The filter of claim 4, wherein the hollow elements have a spherical shape.

6. The filter of any one of claims 1-3, wherein the hollow elements have a non-rounded shape.

7. The filter of any one of claims 1-6, comprising two or more hollow elements having different shapes and/or different diameters and/or different wall thicknesses.

8. The filter of any one of claims 1-7, wherein at least one of the plurality of filter arms comprises two or more hollow elements having different shapes and/or different diameters and/or different wall thicknesses.

9. The filter of claim 8, having an increasing tapered flow geometry from the first end of at least one of the plurality of filter arms to the second end of the at least one of the plurality of filter arms.

10. The filter of claims 8 or 9, wherein adjacent hollow elements in at least one of the plurality of filter arms have different diameters and/or tapered flow geometries.

11. A filter device comprising a housing having at least one inlet and at least one outlet, defining at least one fluid flow path between the at least one inlet and the at least one outlet, with the filter of any one of claims 1-10 arranged in the housing across the at least one fluid flow path.

12. A method of filtration, the method comprising passing the fluid through the filter of any one of claims 1-10 or the filter device of claim 11.