



- C1 - textures, printing presses, 4D printing, nozzle, color
- C2 - biomaterial, animal, gelation, article, chemistry
- C3 - three dimensional printing, additive manufacturing, human, review
- C4 - food, food industry, biopolymers, vegetables, food ink
- C5 - 3D printing, proteins, rheology, proteins, gel, emulsification
- C6 - additives, food materials, starch, casein, food production
- C7 - 3D food printing, meats, gluten-free, bakeries, hardness
- C8 - food waste, value added products, food 3d printing, sustainable development.

**Figure S1.** Results obtained by bibliometric analysis and clustering.