

Supplementary Information

An Exploration of Future of Bioplastics and Their Physical, Chemical and Biological Characteristics

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Table S1. Group of Keywords and Number of Results Obtained per Keywords' Group

No.	Group of keywords	Number of results obtained
1.	Keywords based on general term bioplastic	12,898
2.	Keywords based on manufacturing material	4,474
	i. Related to biobased material	3,319
	ii. Related to plasticizer	565
	iii. Related to agricultural and food waste	165
	iv. Related to microbial biopolymer	104
	v. Related to oils and proteins	127
	vi. Related to nanoparticles	194
3.	Keywords based on bioplastics' properties	1,275
4.	Keywords based on manufacturing process	361
5.	Keywords based on bioplastics' applications	974

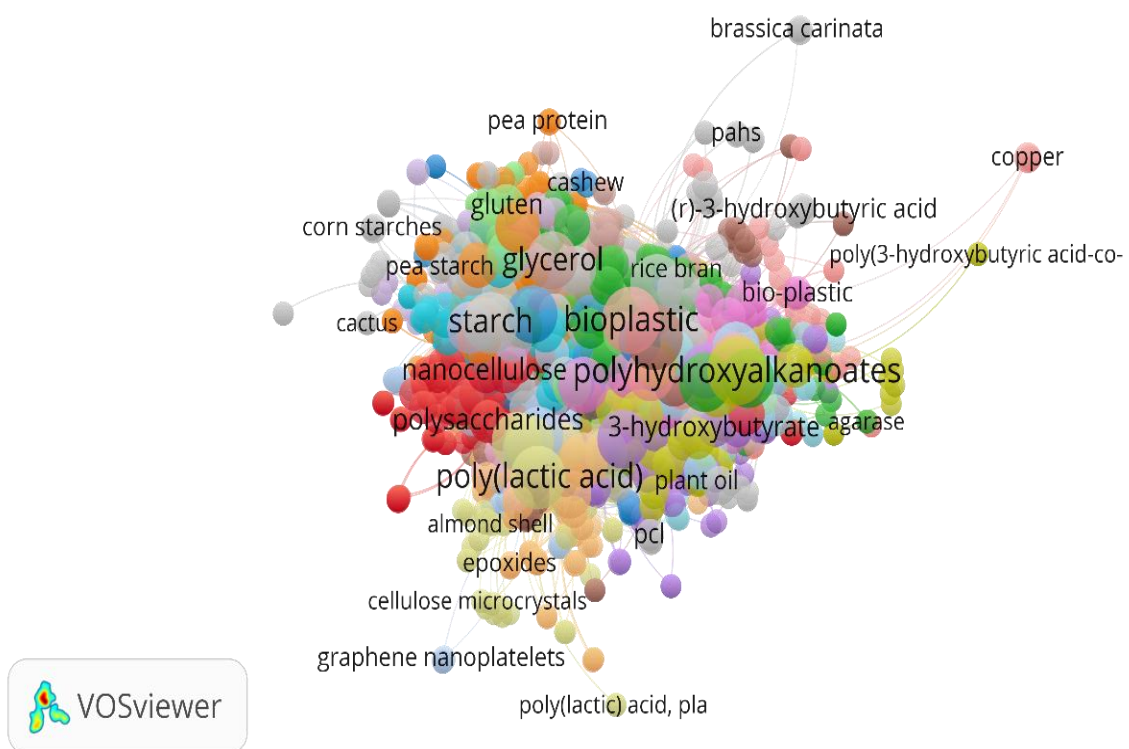


Figure S1. Mostly used materials for manufacturing of bioplastics.

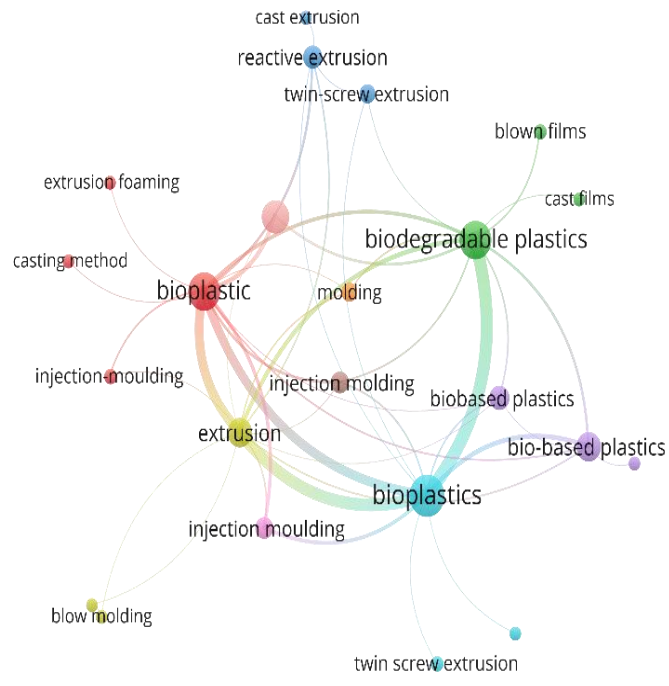
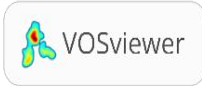


Figure S2. Mostly opted manufacturing process for bioplastics.

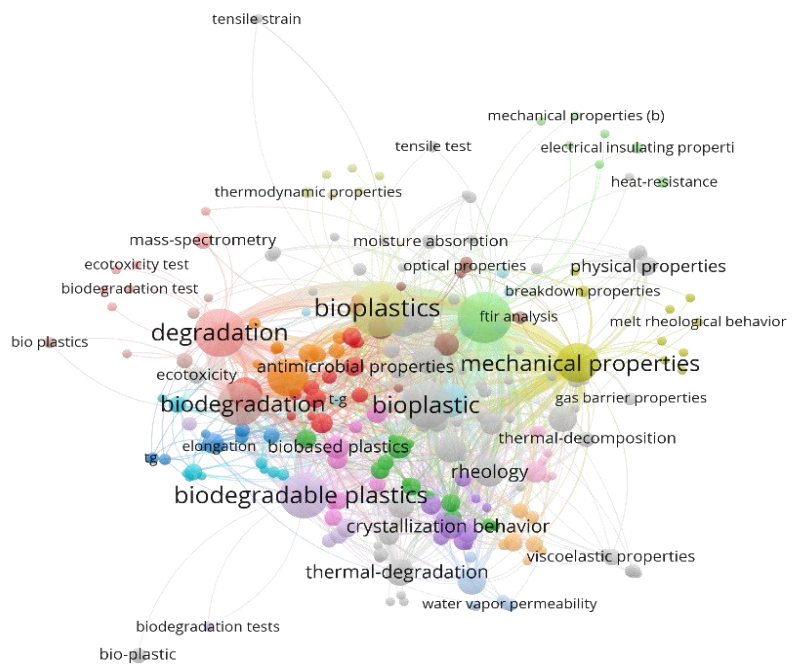


Figure S3. Mostly tested Properties of manufactured bioplastics.

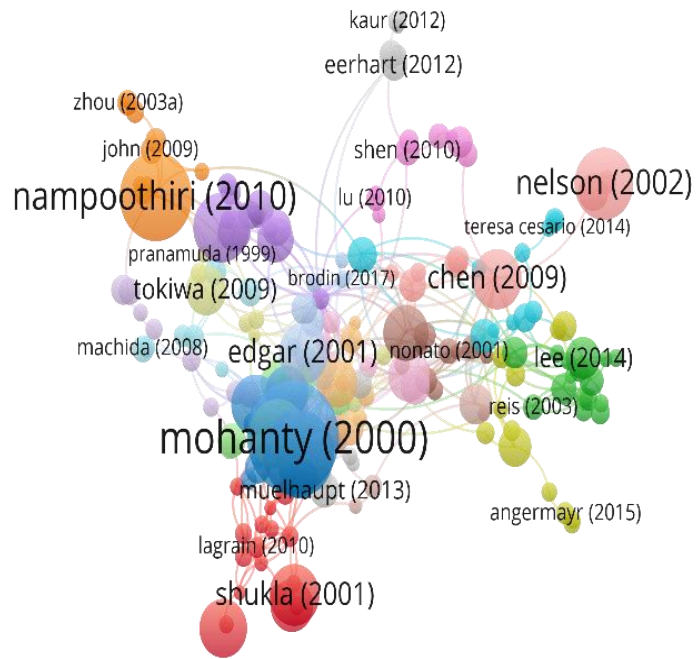
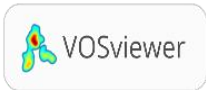


Figure S5. Most impactful publication.

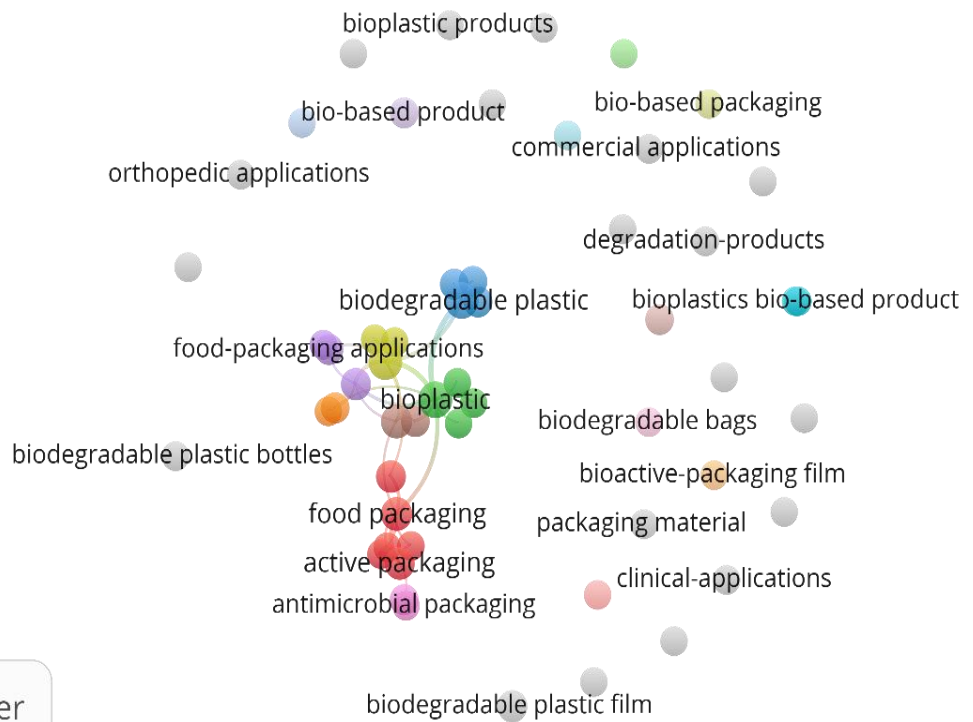


Figure S6. Applications of bioplastics.