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Nota di contenuto	1. Introduction -- 2. General scope for enzymatic tools in engineering of polysaccharide materials -- 3. Phosphorylase-catalyzed enzymatic glycosylation -- 4. Phosphorylase-catalyzed enzymatic polymerization -- 5. Chemoenzymatic synthesis of amylose-grafted synthetic polymers by utilizing phosphorylase catalysis -- 6. Chemoenzymatic synthesis of amylose-grafted biopolymers by utilizing phosphorylase catalysis -- 7. Preparation of amylose-polymer inclusion complexes in phosphorylase-catalyzed enzymatic polymerization (vine-twining polymerization) -- 8. Extension of vine-twining polymerization by phosphorylase catalysis -- 9. Carbohydrate engineering by phosphorylase catalysis -- 10. Preparation of amylose-based nanomaterials by phosphorylase catalysis.

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