

Supporting Information

Expecting the unexpected: High pressure crystallization significantly boosts up triboelectric outputs of microbial polyesters

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The file includes:

Measurements of bio-TENG device.

Fig. S1 Open-circuit voltage **(a)** and short-circuit current **(b)** outputs of HP-PHB based TENG, generated at different frequencies and a given force of 4.5 N.

Fig. S2 Open-circuit voltage **(a)** and short-circuit current **(b)** outputs of HP-PHB based TENG, generated at different frequencies and a given force of 10 N. **(c)** is the magnified view of the portion highlighted by an elliptical frame in **(b)**.

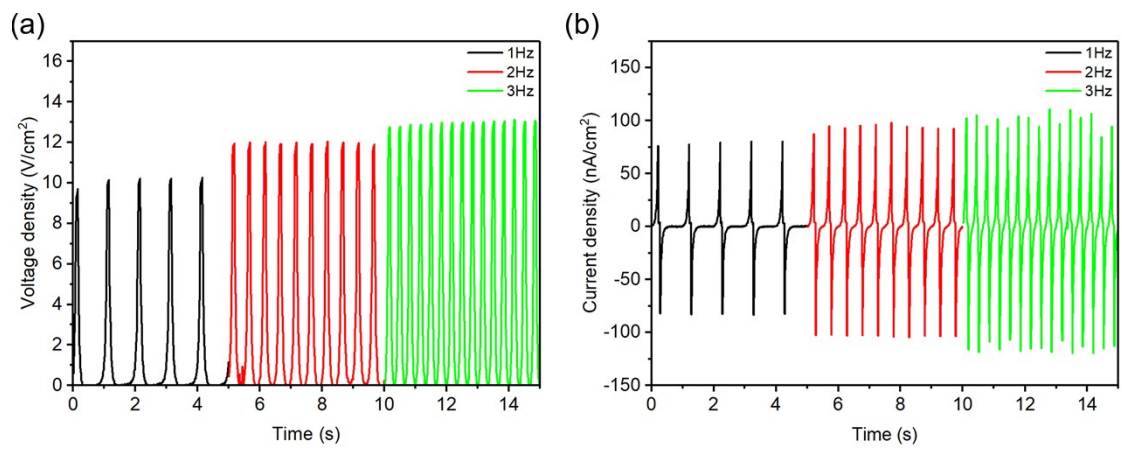


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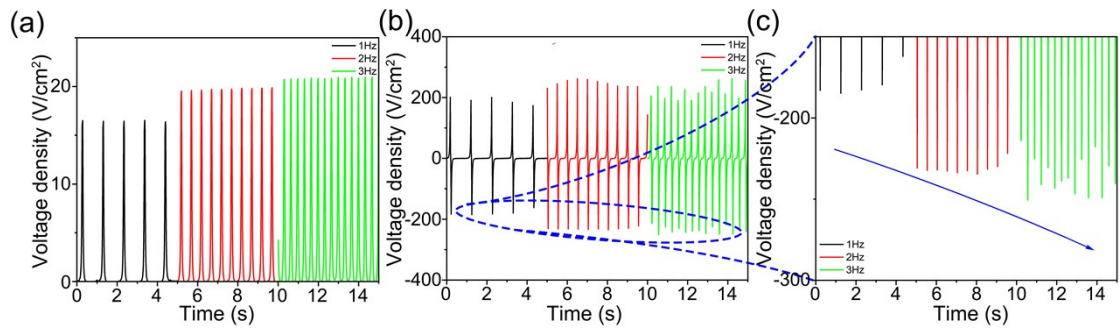


Fig. S2 Open-circuit voltage **(a)** and short-circuit current **(b)** outputs of HP-PHB based TENG, generated at different frequencies and a given force of 10 N. **(c)** is the magnified view of the portion highlighted by an elliptical frame in **(b)**.