

Supporting Information

Magnetic molecularly imprinted microsensor for selective recognition and transport of fluorescent phycocyanin in seawater

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3. Table caption

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Table S2. Atomic composition ratios of the micromotor from EDX mapping analysis.

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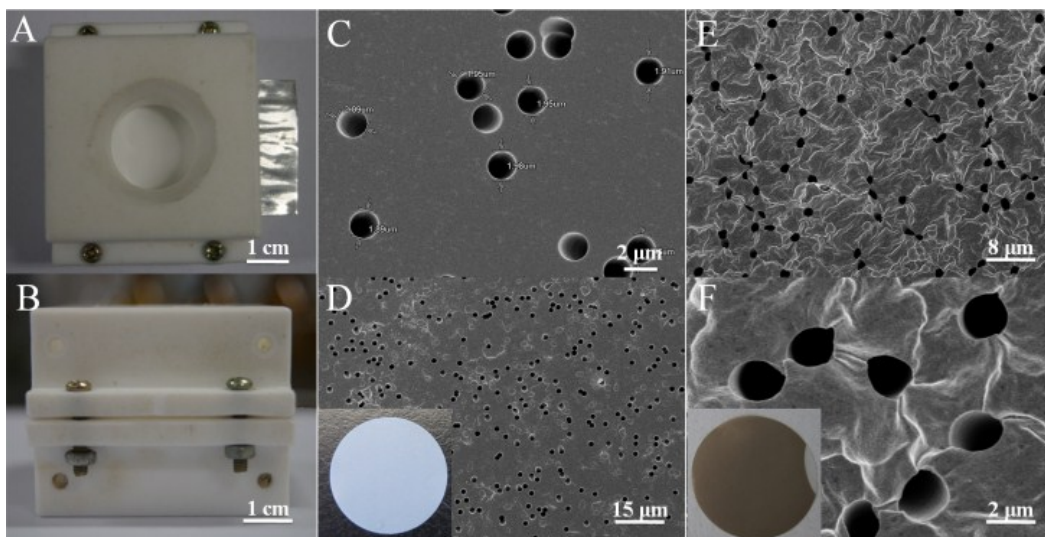


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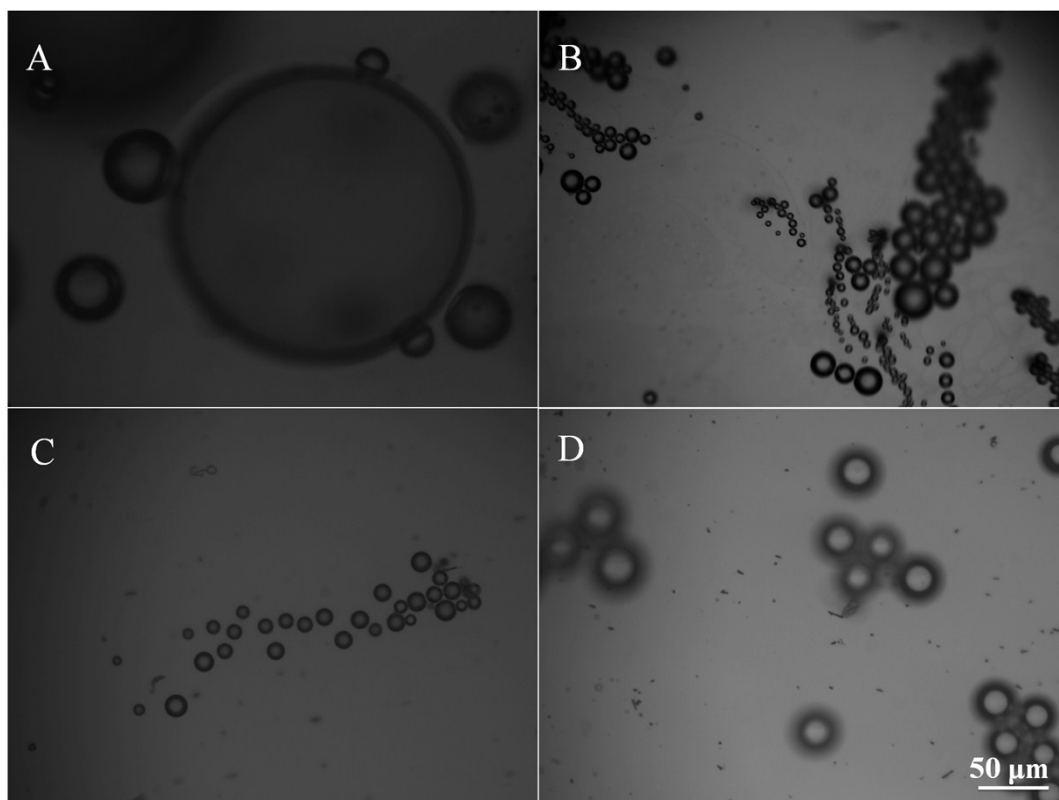


Fig. S3. Dependence of the surface coverage on the adsorption time.

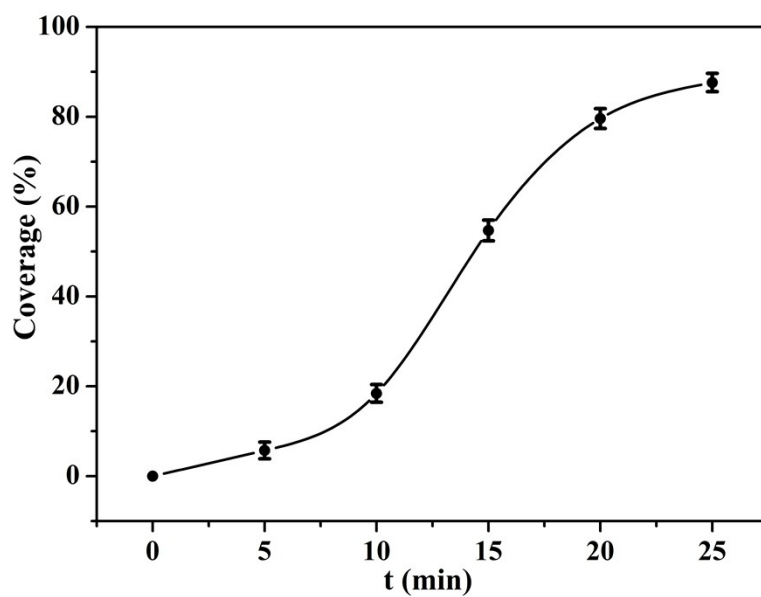


Fig. S4. Dependence of the surface coverage on the phycocyanin concentration.

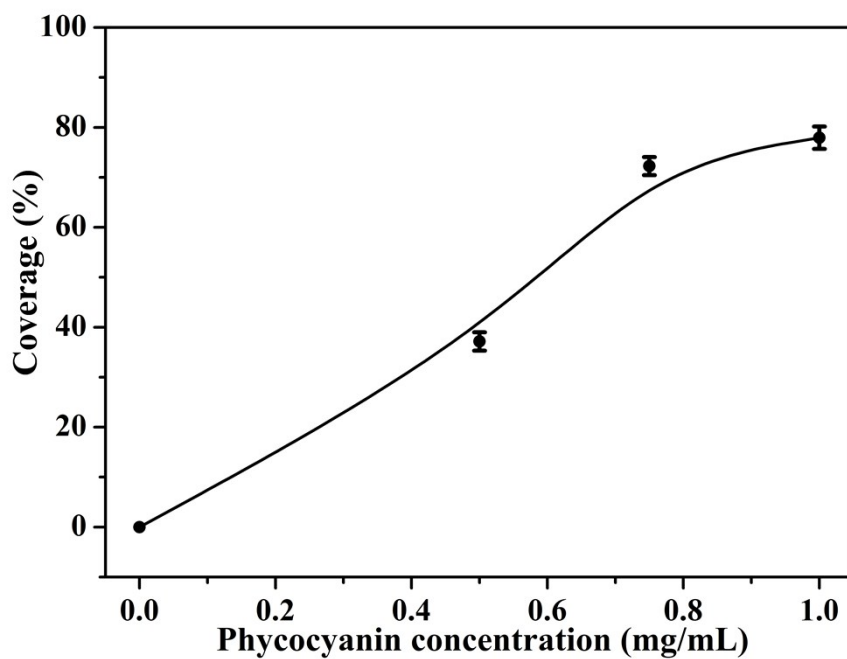


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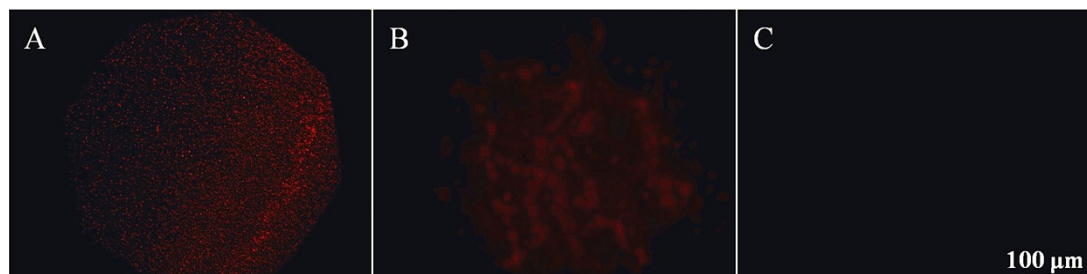


Table S1. Parameters for electrodeposition protocol.

Material	Model	Parameters
PEDOT/PSS	Amperometric i-t curve	+0.8V, 4C
Pt	Chronopotentiometry	-2mA, 200s
Ni-Pt	Chronopotentiometry	-2mA, 300s
Ni	Amperometric i-t curve	-1.3V, 2C
Pt	Chronopotentiometry	-2mA, 450s

Table S2. Atomic composition ratios of the micromotor from EDX mapping analysis.

Element	Weight percentage (%)	Atomic percentage (%)
C	9.24	46.65
O	7.12	26.99
Ni	0.54	0.55
Pt	78.96	24.55
Pb	1.38	0.40