

Supporting information

Ferrocene-Linked Covalent Organic Polymer as Peroxidase -Enzyme

Mimics for Dualchannel Detection of Hydrogen Peroxide

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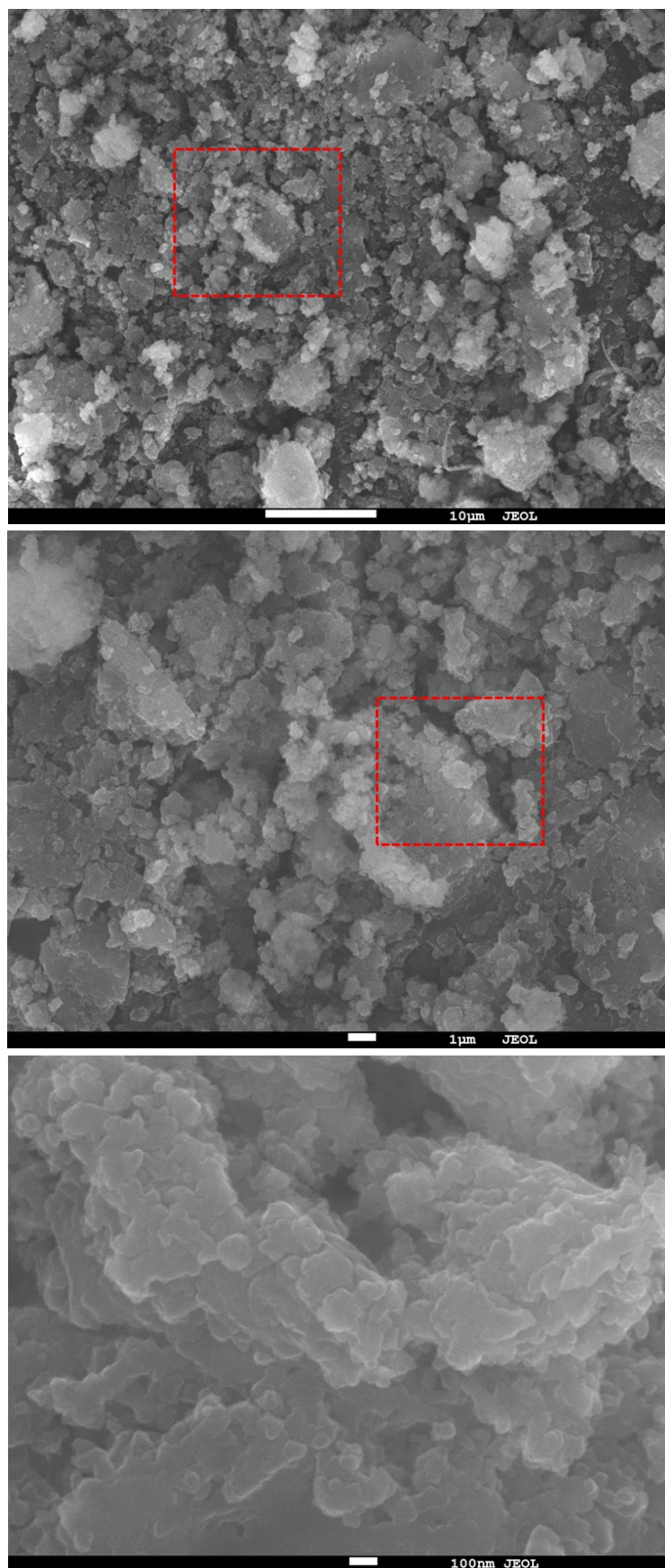


Fig.S1 SEM of MCOP-NFC

Table S1 List of limit of detection (LOD) values of various peroxidase mimicking materials for the detection of H₂O₂.

Materials	Detection Method		Reference
	Electrochemical 1 channel	Colorimetric channel	
Au@PtNP/GO	1.62 μ M		[1]
CuCo ₂ O ₄	3.0 μ M	--	[2]
2D Cu-TCPP/MWCNT	0.70 μ M	--	[3]
In-aip	0.87 μ M	--	[4]
NiCo LDH	0.48 μ M	--	[5]
Fe ₃ O ₄ MNPs	--	3.0 μ M	[6]
CuFKZP ₂ W ₁₈ /PPy	--	0.07 μ M	[7]
Ni ₄ SiW ₁₂ NPs	--	2.07 μ M	[8]
RuO ₂ NPs	0.18 μ M	1.8 μ M	[9]
COP-NFC	0.08 μM	2.1 μM	This work

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