SUPPORTING INFORMATION OF

Catalyzing Sustainability: Phytic Acid as a Green Precursor for Metal-Free Carbon Electrocatalysts in ORR

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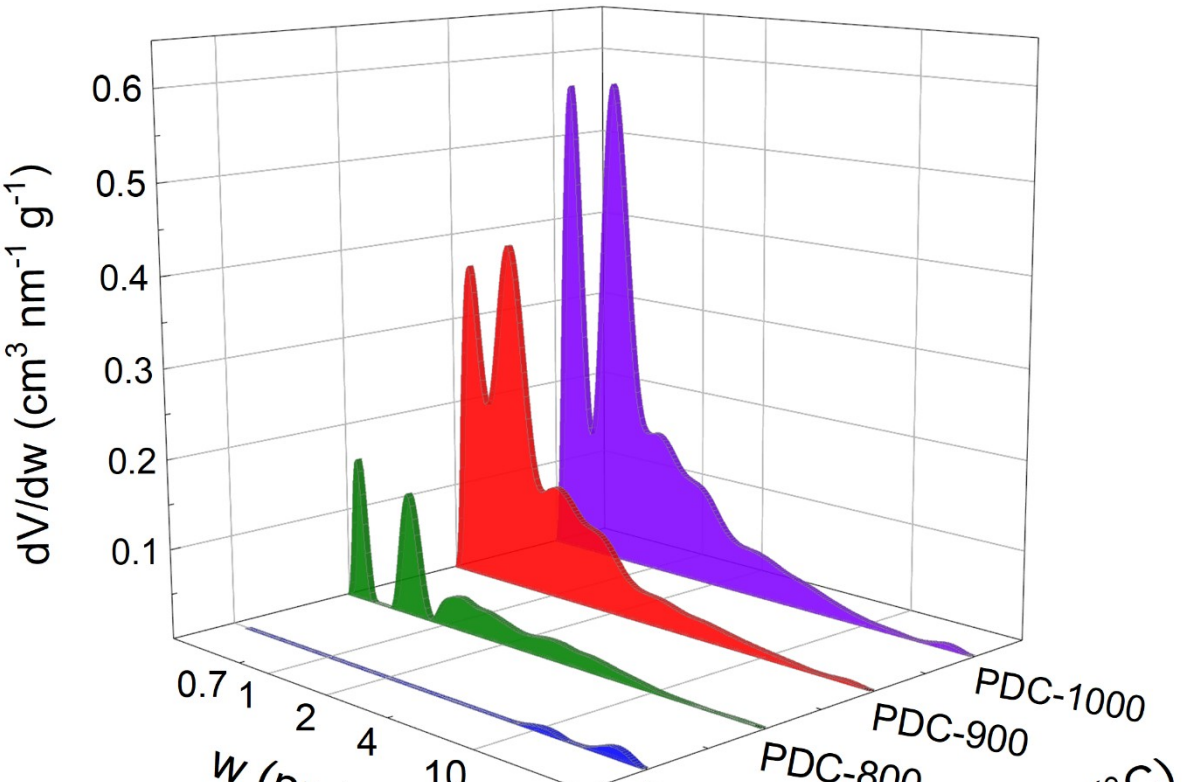
Figure S1: Pore size distributions of all PDC-*T* samples.



	C at%	O at%	P at%	P-C/P_T ratio
PDC-700	49.6	34.7	15.7	0.1
PDC-800	72.4	19.5	8.1	0.5
PDC-900	82.7	13.2	4.0	0.8
PDC-1000	86.2	10.9	2.9	0.7

Table S1: Atomic percentages (at.%) of carbon (C), oxygen (O) and phosphorus (P), obtained by XPS, and ratios of P-C bonds to total P (P_T) content for all PDC-*T* materials.

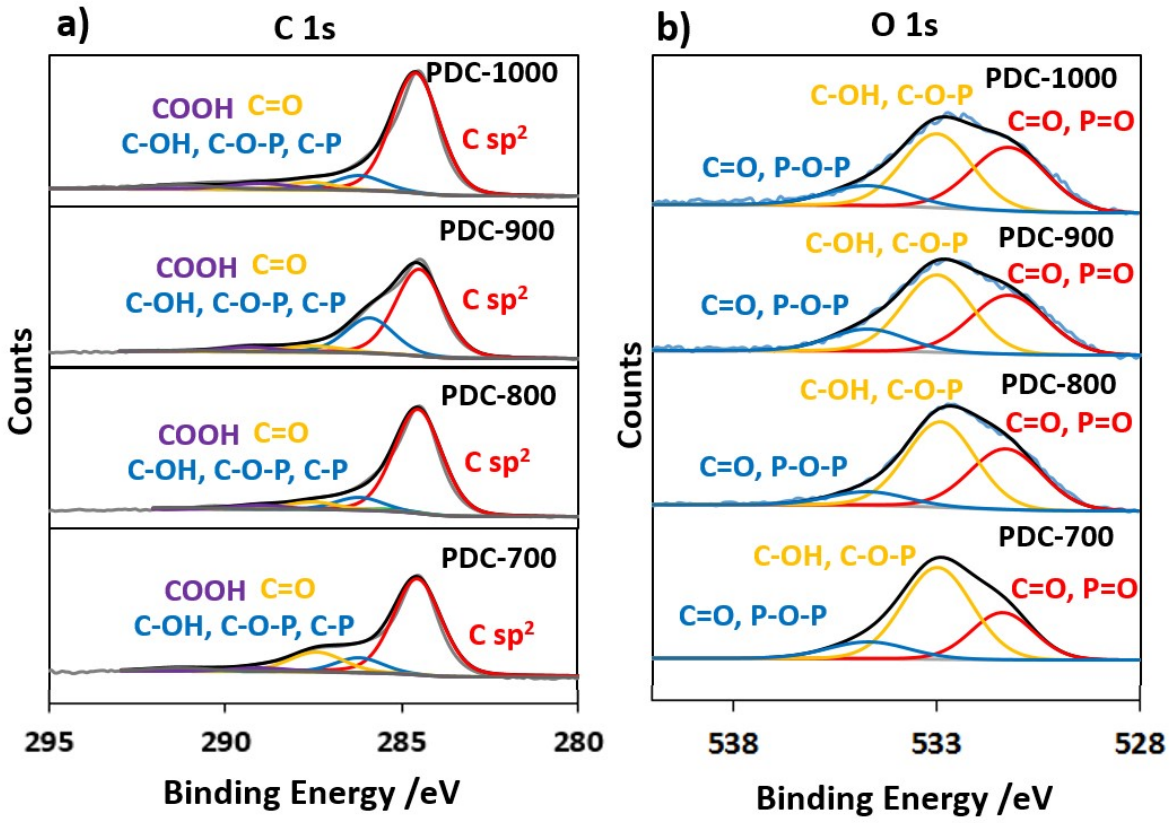


Figure S2: XPS spectra of (a) C 1s and (b) O 1s of the PDC-*T* series.

Table S2: Literature comparison of the performance of materials similar to PDC-900 for the ORR shown in Fig. 4f.

Sample	E_{ONSET} (V)	E_{ONSET} (1/2) (V)	Reference
PDC-900	***0.84***	***0.75***	***This work***
PCNTs	*0.73*	*0.63*	*S*[1]
C-P-5	*0.81*	*0.726*	*S*[2]
PC	*0.7*	*0.57*	*S*[3]
P-C	*0.77*	*0.67*	*S*[4]
POMC	*0.86*	*0.79*	*S*[5]

References

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