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Feasibility Evaluation on Various Organic Acids Applied in Fuel Cells

Division: Internationale / Aucun

Catégorie: Sénior

Région: Taiwan, R.O.C.

Ville: Taipei,

École:

Sommaire: The principle objective of this study is aimed at using a three-electrode cell to examine the suitability of various organic acids towards producing clean energy via electrooxidation on a series of Pt-based catalysts, to replace methanol as a fuel. The results showed that a fuel cell using formic acid catalyzed with PtRuTi/C slurry would provide efficient operation.

Biographies

Yu-Sheng - I am Yu-Sheng Hsieh, coming from Taiwan. I have four members in my family. I am in the eleventh grades in Li-Shan Senior High School. My favorite subject is science, so I take the experiment in chemistry with my friend. We often encounter problems difficulty during the experiment, but we all do our best to solve it. Today, I am glad to take part in the Canada Wide Science Fair. I hope we can make new friends and get more information in Ottawa.

Kai-Chung - Hello! I'm Kai-Chung Hsiao, a 17-year-old high school student. I study in Li-Shan Senior High School in Taipei Taiwan. My favorite subjects are chemistry and physics. I enjoy my science project a lot and have learned a lot from it. I'm very excited about taking part in the CWSF this year. I hope I can make some friends and learn new knowledge in Ottawa.

Prix

Valeur

Médaille d'or - Internationaux	
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Total	0,00 \$