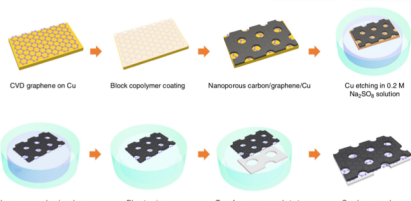
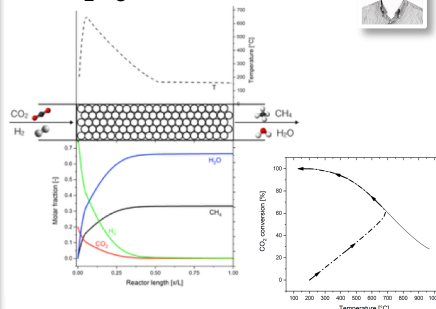


SINGLE-LAYER GRAPHENE MEMBRANES



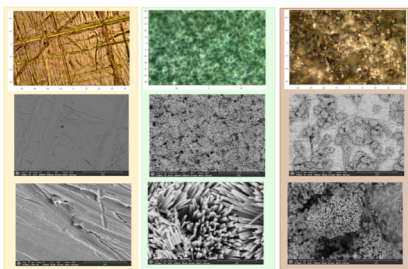
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THERMAL MODELING OF THE CO₂ METHANATION ON Ru/Al₂O₃



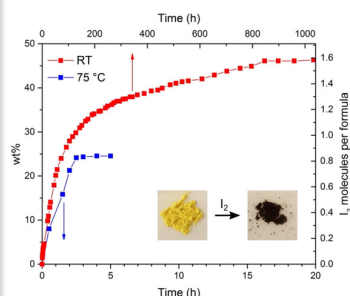
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THE ROLE OF MALACHITE FOR THE ELECTROCHEMICAL REDUCTION OF CO₂ TO C-2 HYDROCARBONS



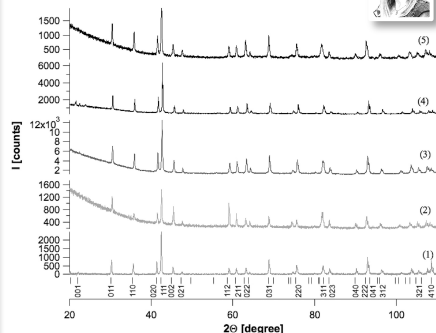
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INCARCERATION OF IODINE IN A PYRENE-BASED MOF



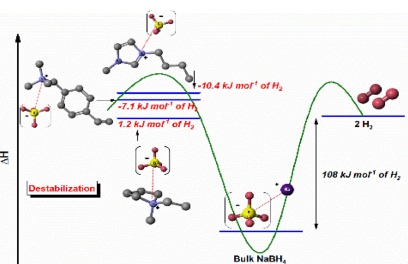
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LaNi_{5-x}Cu_x HYDRIDE FORMING ALLOYS



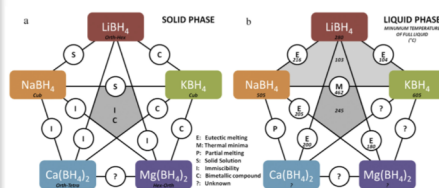
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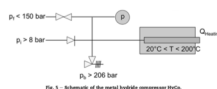
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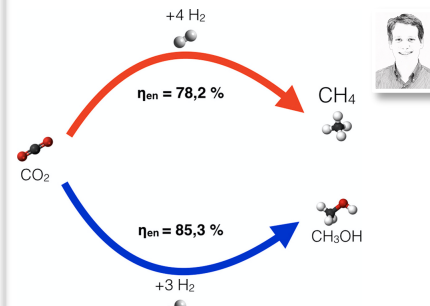
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APPLICATION OF HYDRIDES IN H₂ STORAGE & COMPRESSION



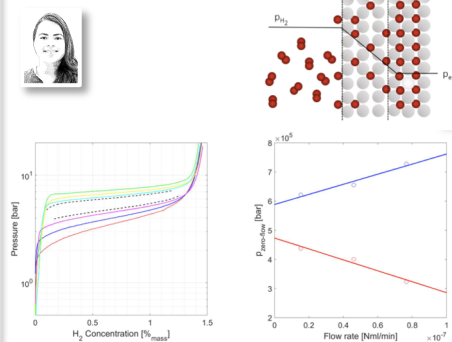
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RENEWABLE ENERGY STORAGE BY CO₂ AND H₂ CONVERSION TO METHANE AND METHANOL



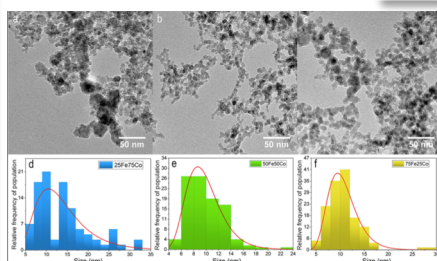
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THERMODYNAMIC AND KINETIC PARAMETERS OF MH



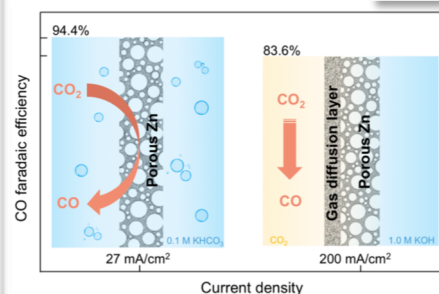
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CO₂ HYDROGENATION OVER PRISTINE BIMETALLIC Fe-Co NANOPARTICLE CATALYSTS



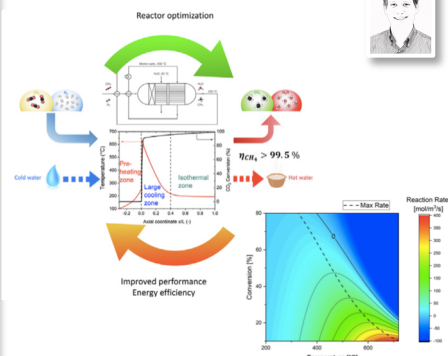
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CO FROM ELECTROCATALYTIC CO₂ REDUCTION ON HIGHLY POROUS Zn CATALYSTS



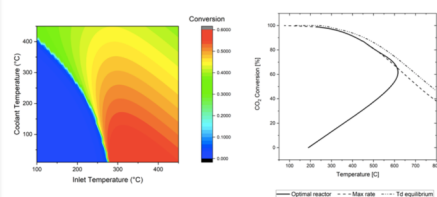
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OPTIMAL REACTOR CONCEPT FOR SABATIER REACTION



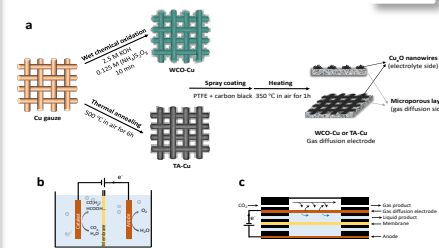
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INTEGRATION OF A SABATIER REACTOR IN A GAS EXPANSION STATION



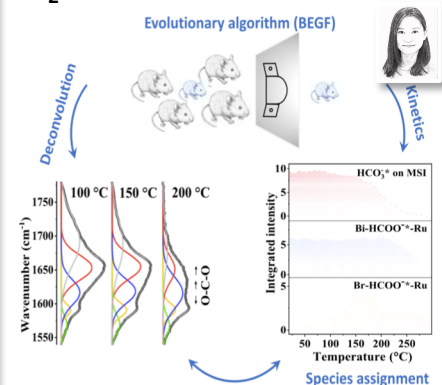
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GAS DIFFUSION ELECTRODES FOR CO₂ ELECTROCHEMICAL REDUCTION



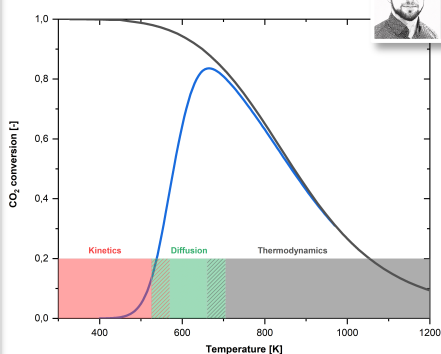
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CO₂ HYDROGENATION IN DRIFTS



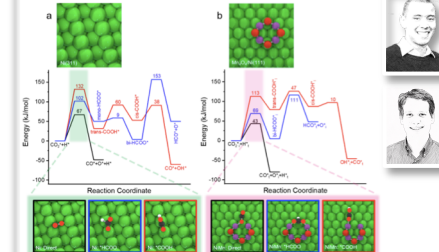
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MODELLING THE CO₂ HYDROGENATION REACTION OVER Co, Ni AND Ru/Al₂O₃



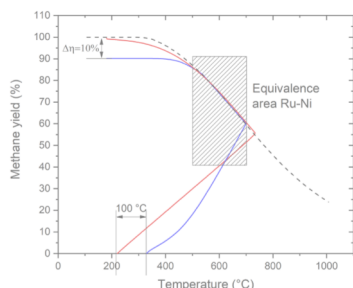
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EFFICIENT CO₂ REDUCTION ON METAL NiMn/TiO₂ CATALYST FOR P2G ENERGY STORAGE



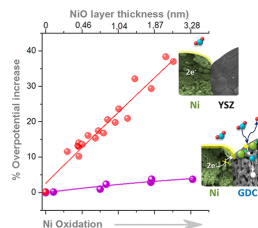
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A MODEL-BASED COMPARISON OF Ru AND Ni CATALYSTS FOR THE SABATIER REACTION



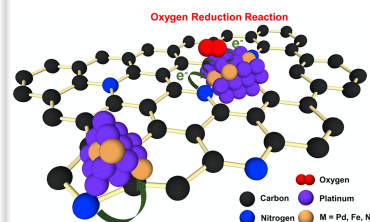
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INFLUENCE OF SURFACE STATE ON THE ELECTROCHEMICAL PERFORMANCE



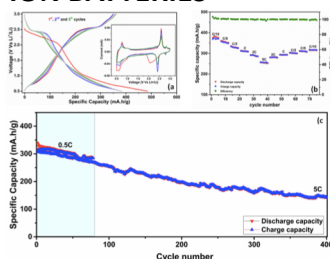
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N-DOPED CARBON BLACK SUPPORTED Pt-M (M= Pd, Fe, Ni) ALLOY CATALYSTS FOR O₂ REDUCTION IN PEM FUEL CELL



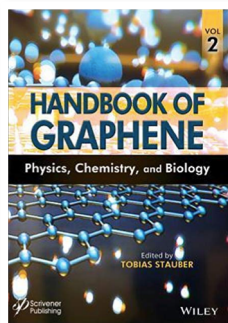
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NEW Ni_{0.5}Ti₂(PO₄)₃@C NASICON-TYPE ELECTRODE FOR LI-ION BATTERIES



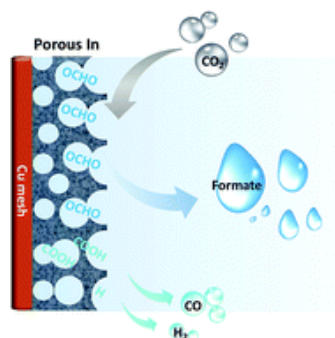
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