



POZNAN UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL

The result of the mid-term assessment together with the justification

Wynik oceny śródkresowej wraz z uzasadnieniem

for the period 01.10.2019 to 31.08.2021

Masoud Foroutan Koudahi

the Doctoral Student at PUT Doctoral School / Doktorant Szkoły Doktorskiej PP

discipline of science / dyscyplina naukowa: chemical sciences / nauki chemiczne

The result of assessment / Wynik oceny

Positive / Pozytywna*	Negative / Negatywna*
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Justification / Uzasadnienie

Scientific report prepared by Masoud Foroutan Koudahi fulfils the requirements of mid-term assessment. All necessary data were included. The idea of doctoral work, is clear. Author together with Advisor presented a rational design route for preparation of hybrid electrode based in carbon and TMDs. They proved that the energy density of hybrid ECs can be improved without loss of their power capabilities. Author related the positive result to preservation of porous structure of bare substrate and the presence of micro- and mesopores that play an important role in effortless diffusion of ions. The second point is the smooth texture of deposited redox active materials. He presented also the next steps of his dissertation. Degree of realization of individual research plan and progress in implementation of doctoral dissertation and degree of its realization – 50%. Up-today results were published in leading journal of high IF (IF=13.281). One paper was submitted to Energy Storage Materials (IF=17.789).

On behalf of the Commission / Za Komisję

...26.01.2022...
Date

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Legible signature of Head of Commission