



Nanorelated NTNU publications in 2021

List of NTNU Papers related to nanoscience, nanotechnology and functional materials

Behera, Aroop; Harris, Charles; Pete, Douglas; Delker, Collin; Vullum, Per Erik; Benthem, Marta; Koybasi, Ozhan; Taniguchi, Takashi; Watanabe, Kenji; Belle, Branson; Das, Suprem. High-Performance and Ultralow-Noise Two-Dimensional Heterostructure Field-Effect Transistors with One-Dimensional Electrical Contacts. *ACS Applied Electronic Materials* 2021 ;Volum 3.(9) s. 4126-4134

Abdullah, Muhammad Imran; Hameed, Asima; Zhang, Ning; Islam, Md Hujjatul; Ma, Mingming; Pollet, Bruno. Ultrasonically Surface-Activated Nickel Foam as a Highly Efficient Monolith Electrode for the Catalytic Oxidation of Methanol to Formate. *ACS Applied Materials & Interfaces* 2021 ;Volum 13.(26) s. 30603-30613

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Adhami, Touraj; Ebrahimi-Kahrizsangi, Reza; Bakhsheshi-Rad, Hamid Reza; Majidi, Somayeh; Ghorbanzadeh, Milad; Berto, Filippo. Synthesis and electrochemical properties of tinb₂O₇ and tin₂O₃ anodes under various annealing atmospheres. *Metals* 2021 ;Volum 11.(6) s. -

Adnan, Mohammed Mostafa; Nylund, Inger-Emma; Jaworski, Aleksander; Hvidsten, Sverre; Ese, Marit-Helen Glomm; Glaum, Julia; Einarsrud, Mari-Ann. The Structure, Morphology, and Complex Permittivity of Epoxy Nanodielectrics with in Situ Synthesized Surface-Functionalized SiO₂. *Polymers* 2021 ;Volum 13.(9) s. -1129

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Ali, Daniel; Li, Zhihui; Azim, Muhammad Mohsin; Lein, Hilde Lea; Mathisen, Karina. Evaluating pore characteristics and acid site locations in hierarchical SAPO-11 by catalytic model reactions. *Microporous and Mesoporous Materials* 2021 s. -

Almenningen, David Moe; Hansen, Henrik Erring; Vold, Martin Furru; Buene, Audun Formo; Venkatraman, Vishwesh; Sunde, Svein; Hoff, Bård Helge; Gautun, Odd Reidar. Effect of thiophene-

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