

Alumina/graphene/Cu hybrids as highly selective sensor for simultaneous determination of epinephrine, acetaminophen and tryptophan in human urine

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Bifunctional multi-metallic nitrogen-doped nanocarbon catalysts derived from 5-methylresorcinol

Kisand, Kaarel; Sarapuu, Ave; Kikas, Arvo; Kisand, Vambola; Rähn, Mihkel; Treshchalov, Alexey; Käärik, Maike; Piirsoo, Helle-Mai; Aruväli, Jaan; **Paiste, Päärn** Electrochemistry communications 2021 / art. 106932 <https://doi.org/10.1016/j.elecom.2021.106932> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crystal phase and surface defect driven synthesis of Pb_{1-x}Sn_xF₂ solid solution electrolyte for fluoride ion batteries

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Detailed insight into the CZTS/CdS interface modification by air annealing in monograin layer solar cells

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Development of a portable MIP-based electrochemical sensor for detection of SARS-CoV-2 antigen

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Electrochemical characterisation of Co@Co(OH)₂ core-shell nanoparticles and their aggregation in solution

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Electroreduction of oxygen on carbide-derived carbon supported Pd catalysts

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Exploring different synthesis parameters for the preparation of metal-nitrogen-carbon type oxygen reduction catalysts

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Fused hybrid linkers for metal-organic framework-derived bifunctional oxygen electrocatalysts

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Hybrid molecularly imprinted polymer for amoxicillin detection

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Impact of ball-milling of carbide-derived carbons on the generation of hydrogen peroxide via electroreduction of oxygen in alkaline media

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Introducing interlayer electrolytes : toward room-temperature high-potential solid-state rechargeable fluoride ion batteries

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Nafion protective membrane enables using ruthenium oxide electrodes for pH measurement in milk

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Optimization of La_{0.2}Sr_{0.7}- xCa xTi_{0.95}Fe_{0.05}O₃-δ fuel electrode stoichiometry for solid oxide fuel-cell application

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Peat-derived carbon-based non-platinum group metal type catalyst for oxygen reduction and evolution reactions

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Photoreflectance and photoluminescence study of antimony selenide crystals

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Richard Compton: Thought leader, educator and Bon Vivreur

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Saturn-shaped ice burst pattern and fast basal binding of an ice-binding protein from an Antarctic bacterial consortium

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YSZ-rGO composite ceramics by spark plasma sintering : the relation between thermal evolution of conductivity, microstructure and phase stability

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