

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](#)

Bimetallic metal-organic-framework-derived porous cobalt manganese oxide bifunctional oxygen electrocatalyst

Yusibova, Gulnara; Assafrei, Jürgen-Martin; **Ping, Kefeng;** Aruväli, Jaan; Paiste, Päärn; Käärik, M.; Leis, J.; Piirsoo, Helle-Mai; Tamm, Aile; **Starkov, Pavel** Journal of electroanalytical chemistry 2023 / art. 117161, 10 p.: ill <https://doi.org/10.1016/j.jelechem.2023.117161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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CO₂ transformed into highly active catalysts for the oxygen reduction reaction via low-temperature molten salt electrolysis

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

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Electrochemical sensor based on molecularly imprinted polymer for rapid quantitative detection of brain-derived neurotrophic factor

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Electrospun carbon nanofibre-based catalysts prepared with Co and Fe phthalocyanine for oxygen reduction in acidic medium

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Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor

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4.9 % efficient Sb2S3 solar cells from semi-transparent absorbers with fluorene-based thiophene terminated hole conductors

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Hybrid molecularly imprinted polymer for amoxicillin detection

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Influence of A-site modifications on the properties of La_{0.21}Sr_{0.74-x}CaxTi_{0.95}Fe_{0.05}O_{3-δ} based fuel electrode for solid oxide cell

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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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Richard Compton: Thought leader, educator and Bon Vivreur

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