

Boron and Fluorine Co-Doped Graphene/Few-Walled Carbon Nanotube Composite as Highly Active Electrocatalyst for Oxygen Reduction Reaction

Raudsepp, Ragle; Türk, Karl-Kalev; **Zarmehri, Ehsan**; Joost, Urmas; Rauwel, Protima; Saar, Rando; Mäeorg, Uno; Dyck, Alexaner; Bron, Michael; Chen, Zhongming; Noda, Suguru; Kruusenberg, Ivar; Tammeveski, Kaido ChemNanoMat 2024 / art. e202300546, 11 p. : ill <https://doi.org/10.1002/cnma.202300546>

Cobalt-containing nitrogen-doped carbon aerogels as efficient electrocatalysts for the oxygen reduction reaction

Kreek, Kristiina; Sarapuu, Ave; Samolberg, Lars; Joost, Urmas; **Mikli, Valdek**; **Koel, Mihkel**; Tammeveski, Kaido ChemElectroChem 2015 / p. 2079-2088 : ill <https://doi.org/10.1002/celec.201500275> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development and characterization of photo-oxidation efficiency and antibacterial effects of nano-TiO₂ thin films

Joost, Urmas; Visnapuu, Meeri; **Juganson, Katre** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

Dissolution of silver nanowires and nanospheres dictates their toxicity to escherichia coli

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Electroreduction of oxygen on cobalt- and iron-containing nitrogen-doped carbon aerogels

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Oxygen electroreduction on Zinc and Dillithium phthalocyanine modified multiwalled carbon nanotubes in alkaline media

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Photocatalytic antibacterial activity of nano-TiO₂ (anatase)-based thin films : effects on Escherichia coli cells and fatty acids

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