

**Cobalt- and iron-containing nitrogen-doped carbon aerogels as non-precious metal catalysts for electrochemical reduction of oxygen**

Sarapuu, Ave; Samolberg, Lars; **Kreek, Kristiina; Koel, Mihkel**; Matisen, Leonard; Tammeveski, Kaido Journal of electroanalytical chemistry 2015 / p. 9-17 : ill <http://dx.doi.org/10.1016/j.jelechem.2015.03.021>

**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/celc.201500275>

**Electrocatalysis of oxygen reduction by iron-containing nitrogen-doped carbon aerogels in alkaline solution**

Sarapuu, Ave; **Kreek, Kristiina**; Kisand, Kaarel; Kook, Mati; **Uibu, Mai; Koel, Mihkel**; Tammeveski, Kaido Electrochimica acta 2017 / p. 81-88 : ill <https://doi.org/10.1016/j.electacta.2017.01.157>

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

Sarapuu, Ave; Samolberg, Lars; **Kreek, Kristiina; Koel, Mihkel**; Joost, Urmas; Tammeveski, Kaido BEC 16 : the 6th Baltic

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**Metal-doped aerogels based on resorcinol derivatives = Resortsinooli derivaatidel põhinevad metalli sisaldavad aerogeelid**

**Kreek, Kristiina** 2016 [http://www.esther.ee/record=b4619897\\*est](http://www.esther.ee/record=b4619897*est)

**Metal-doped organic aerogels for photocatalytic degradation of trimethoprim**

Bolobajev, Juri; Kask, Maarja; **Kreek, Kristiina**; Kulp, Maria; Koel, Mihkel; Goi, Anna Chemical engineering journal 2019 / p.

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**Microprinted carbon aerogel electrodes for sensors and actuators**

Pöldsalu, Inga; Peikolainen, Anna-Liisa; Greco, Francesco; **Kreek, Kristiina**; Aabloo, Alvo TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

**Organic and carbon aerogels containing rare-earth metals : their properties and application as catalysts**

**Kreek, Kristiina; Kriis, Kadri; Maaten, Birgit; Uibu, Mai; Mere, Arvo; Kanger, Tõnis; Koel, Mihkel** Journal of non-crystalline solids 2014 / p. 43-48 : ill

**Organic and carbon aerogels doped with lanthanides as catalyst for Michael reaction**

**Kreek, Kristiina** TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p

**Photocatalytic degradation of trimethoprim enhanced by organic aerogels**

Bolobajev, Juri; **Kreek, Kristiina; Koel, Mihkel**; Goi, Anna 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 110 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**Preparation of metal-doped carbon aerogels from oil shale processing by-products**

**Kreek, Kristiina; Kulp, Maria; Uibu, Mai; Mere, Arvo; Koel, Mihkel** Oil shale 2014 / p. 185-194 : ill

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