

**Comparison of benzimidazole-derived iron triad M–N–C nanomaterials as trifunctional catalysts in alkaline and acidic media : [manuscript]**

**Alam, Mahboob; Ping, Kefeng; Danilson, Mati; Mikli, Valdek;** Käärik, Maike; Leis, Jaan; Aruväli, Jaan; Paiste, Päärn; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Kramm, Ulrike; Kongi, Nadežda; **Starkov, Pavel** 2022

**Fabrication of novel metal, nitrogen co-doped carbon materials based on a unique organic ligand = Uue orgaanilise ligandi kasutuselevõtt metalli ja lämmastikuga rikastatud süsinikmaterjalide sünteesimiseks**

**Alam, Mahboob** 2022 <https://doi.org/10.23658/taltech.59/2022> <https://digikogu.taltech.ee/et/Item/c29cf2b3-8776-47b8-82dc-3eb33cb56941>  
[https://www.ester.ee/record=b5524927\\*est](https://www.ester.ee/record=b5524927*est)

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

**Ping, Kefeng;** Braschinsky, Alan; **Alam, Mahboob; Bhadoria, Rohit; Mikli, Valdek; Mere, Arvo;** Aruväli, Jaan; Paiste, Päärn; Vlassov, Sergei; Kook, Mati; Rähn, Mihkel; Sammelselg, Väino; Tammeveski, Kaido; Kongi, Nadežda; **Starkov, Pavel** ACS Applied Energy Materials 2020 / p. 152–157 : ill <https://doi.org/10.1021/acsaem.9b02039> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A hybrid organic linker forms an efficient non-supported non-precious-metal-based metal–organic coordination network porous material for oxygen reduction reaction**

**Ping, Kefeng; Bhadoria, Rohit;** Kongi, Nadežda; **Starkov, Pavel;** Tammeveski, Kaido Abstracts of Papers of the American Chemical Society 2018 / abst. CATL 202 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

**In memoriam Pavel Starkov : 13. VI 1983 - 28. XI 2022**

Kongi, Nadežda; Tamme, Richard Postimees 2022 / LK. 11 [https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

**Multi-purpose heterogeneous catalyst material from an amorphous cobalt metal–organic framework**

**Ping, Kefeng; Alam, Mahboob; Kahnert, Sean Ray; Bhadoria, Rohit; Mere, Arvo; Mikli, Valdek;** Käärik, Maike; Aruväli, Jaan; Paiste, Päärn; Kikas, Arvo; Kisand, Vambola; **Järving, Ivar;** Leis, Jaan; Kongi, Nadežda; **Starkov, Pavel** Materials advances 2021 / p. 4009-4015 <https://doi.org/10.1039/D1MA00414J> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Shungite-derived graphene as a carbon support for bifunctional oxygen electrocatalysts**

Kazimova, Nargiz; **Ping, Kefeng; Alam, Mahboob; Danilson, Mati;** Merisalu, Mairo; Aruväli, Jaan; Paiste, Päärn; Käärik, Maike; **Mikli, Valdek;** Leis, Jaan; Tammeveski, Kaido; **Starkov, Pavel;** Kongi, Nadežda Journal of catalysis 2021 / p. 178–187  
<https://doi.org/10.1016/j.jcat.2021.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Surveying iron–organic framework TAL-1-derived materials in ligandless heterogeneous oxidative catalytic transformations of alkylarenes**

**Ping, Kefeng; Alam, Mahboob;** Käärik, Maike; Leis, Jaan; Kongi, Nadežda; **Järving, Ivar; Starkov, Pavel** Synlett 2019 / p. 1536–1540 : ill <https://doi.org/10.1055/s-0037-1611877> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Скончался молодой эстонский ученый Павел Старков**

**Tamme, Richard;** Kongi, Nadežda [rus.postimees.ee](https://www.postimees.ee) 2022 [Скончался молодой эстонский ученый Павел Старков](#)