

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

**Taleb, Masoud; Ivanov, Roman; Bereznev, Sergei;** Kazemi, Sayed Habib; **Hussainova, Irina** Journal of electroanalytical chemistry 2018 / p. 184-192 : ill <https://doi.org/10.1016/j.jelechem.2018.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Alumina-graphene hybrid materials for electrochemical sensing of bio-analytes = Alumiiniumoksiid-graafenhübridmaterjalid biovedelike elektrokeemiliseks tuvastamiseks**

**Taleb, Masoud** 2018 <https://digi.lib.ttu.ee/?i11202> [https://www.ester.ee/record=b5180418\\*est](https://www.ester.ee/record=b5180418*est)

**Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells**

Lust, Enn; Sepp, Silver; Nerut, Jaak; **Taleb, Masoud** ECS transactions 2016 / p. 777-788 <http://dx.doi.org/10.1149/07514.0777ecst>

**Development of novel hierarchically microporous-mesoporous carbon and carbon nanospheres based materials and PEMFC single cells**

Lust, Enn; Sepp, Silver; Nerut, Jaak; **Taleb, Masoud** PRiME Meeting : MA2016-02, October 2-7, 2016, Honolulu, Hawaii 2016 / p. 2539 <http://ma.ecsdl.org/content/MA2016-02/38/2539.abstract?sid=3a2322bd-5e72-463a-b64a-1b02d671829b>

**Graphene-ceramic hybrid nanofibers for ultrasensitive electrochemical determination of ascorbic acid**

**Taleb, Masoud; Ivanov, Roman; Bereznev, Sergei;** Kazemi, Sayed Habib; **Hussainova, Irina** Microchimica acta 2017 / p. 897-905 : ill <https://doi.org/10.1007/s00604-017-2085-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Homogeneous deposition of copper oxide on mesoporous 1D alumina nanofibres by combustion approach**

**Kirakosyan, Khachatur; Aghayan, Marina;** Rodriguez, Miguel Angel; **Taleb, Masoud; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences 2016 / p. 97-100 : ill [https://artiklid.elnet.ee/record=b2768206\\*est](https://artiklid.elnet.ee/record=b2768206*est) <https://doi.org/10.3176/proc.2016.2.06> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxygen electroreduction on platinum nanoparticles activated electrodes deposited onto D-glucose derived carbon support in 0.1 M KOH**

**Taleb, Masoud;** Nerut, Jaak; Tooming, Tauno; Thomberg, Thomas; Lust, Enn Journal of The Electrochemical Society 2016 / p. F1251-F1257 <https://doi.org/10.1149/2.1051610jes> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Oxygen electroreduction on platinum nanoparticles deposited onto D-glucose derived carbon**

**Taleb, Masoud;** Nerut, Jaak; Tooming, Tauno; Thomberg, Thomas; Jänes, Alar; Lust, Enn Journal of the Electrochemical Society 2015 / p. F651 - F660 <https://doi.org/10.1149/2.0231507jes> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**3D alumina-graphene hybrid nanofibers as a binder-free cathode for rechargeable LiIS batteries**

**Taleb, Masoud; Ivanov, Roman; Hussainova, Irina** Modern Materials and Manufacturing 2019 : 12th International DAAAM Baltic Conference and 27th International Baltic Conference BALTMATTRIB 2019. Selected, peer reviewed papers from the conference Modern Materials and Manufacturing 2019 (MMM 2019), April 24-26, 2019, Tallinn, Estonia 2019 / p. 191-196 : ill <https://www.scientific.net/KEM.799.191> [https://www.ester.ee/record=b5235278\\*est](https://www.ester.ee/record=b5235278*est) <https://doi.org/10.4028/www.scientific.net/KEM.799.191> [Conference proceeding at Scopus](#) [Article at Scopus](#)

**Ultra-sensitive voltammetric simultaneous determination of dopamine, uric acid and ascorbic acid based on a graphene-coated alumina electrode**

**Taleb, Masoud; Ivanov, Roman; Bereznev, Sergei;** Kazemi, Sayed Habib; **Hussainova, Irina** Microchimica acta 2017 / p. 4603-4610 : ill <https://doi.org/10.1007/s00604-017-2510-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)