Докторант

инж. Мина Йорданова Станчева

Телефон:	+359878300207
E-mail:	minastancheva@yahoo.com
Адрес:	1756 София, бул. "Климент Охридски" 8 ХТМУ, катедра Физикохимия
Дата на раждане:	23.07.1984

Научни интереси

- Електрохимия
- Физикохимия
- Квантово химично моделиране

Дисертационен труд

Тема:	„Анодно окисление на титан в етилен гликол – вода – флуорид електролити"
Ръководител:	проф. дхн Мартин Божинов – катедра "Физикохимия", ХТМУ
Период на докторантурата:	01.03.2010 – 01.03.2013

Участие в научни конференции

- M.Stancheva, M. Bojinov, First stage of nanoporous oxide growth on Ti in ethylene glycol/fluoride electrolytes - effect of water content, 12th Workshop Nanoscience & Nanotechnology, Varna, Bulgaria, 26-28 Nov 2010.
- M. Stancheva, M. Bojinov, First stage of growth of nanoporous oxide on titanium in organic fluoride - containing electrolyte, Elecnano4 - 7th ECHEMS, Paris, France, 23 - 26 May 2011.
- M. Stancheva, M. Bojinov, First stage of growth of nanoporous oxide on titanium in organic fluoride - containing electrolyte, International Conference on Green Technologies and Environmental Protection, Sofia, Bulgaria, 26 - 29 May 2011.
- M, Stancheva, B. Boubakar, Electrochemical formation of titanium oxide: DFT modeling, Transnational Access Meeting (TAM), Amsterdam, 25-27 June 2012.

Преподавателска дейност

- Ръководене на упражнения по Физикохимия в ХТМУ, София.

Научни публикации

1. M.Stancheva, M. Bojinov, First stage of nanoporous oxide growth on Ti in ethylene glycol/fluoride electrolytes - effect of water content, Nanoscience and Nanotechnology 11, Heron Press, Sofia, Bulgaria, 2011.
2. M. Stancheva, M. Bojinov, Influence of fluoride content on the barrier layer formation and titanium dissolution in ethylene glycol–water electrolytes, Electrochim. Acta 78, 2012, pp 65-74
3. M. Stancheva, M. Bojinov, Interfacial and bulk processes during oxide growth and dissolution on titanium in ethylene glycol-based electrolytes – influence of water content, J. Solid State Electrochemistry, 2012.